

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042315\
 Data File : BG016663.D
 Acq On : 23 Apr 2015 21:28
 Operator : TP/IZ
 Sample : PB82956BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82956BS

Quant Time: Apr 24 02:25:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	55950	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	232226	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	136406	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	298075	20.00	ng	0.00
75) Chrysene-d12	21.18	240	302627	20.00	ng	0.00
86) Perylene-d12	23.39	264	276700	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	397401	115.26	ng	0.00
7) Phenol-d6	6.80	99	532036	109.99	ng	0.00
23) Nitrobenzene-d5	8.76	82	264197	71.89	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	114112	112.77	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	606767	71.47	ng	0.00
78) Terphenyl-d14	19.63	244	871223	66.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	46486	31.12	ng	98
3) Pyridine	3.45	79	126253	29.77	ng	97
4) n-Nitrosodimethylamine	3.38	42	41873	33.47	ng	90
6) Aniline	6.93	93	151325	22.81	ng	98
8) 2-Chlorophenol	7.17	128	149396	35.06	ng	98
9) Benzaldehyde	6.74	77	13124	6.64	ng	99
10) Phenol	6.82	94	185930	36.47	ng	99
11) bis(2-Chloroethyl)ether	7.03	93	130346	32.75	ng	96
12) 1,3-Dichlorobenzene	7.48	146	145749	33.07	ng	98
13) 1,4-Dichlorobenzene	7.63	146	149247	33.13	ng	98
14) 1,2-Dichlorobenzene	7.95	146	140994	32.78	ng	97
15) Benzyl Alcohol	7.85	79	101298	33.37	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.14	45	127296	34.17	ng	99
17) 2-Methylphenol	8.06	107	121255	35.57	ng	98
18) Hexachloroethane	8.66	117	52767	33.22	ng	98
19) n-Nitroso-di-n-propylamine	8.41	70	90895	30.15	ng	97
20) 3+4-Methylphenols	8.39	107	162455	33.90	ng	97
22) Acetophenone	8.42	105	183524	36.01	ng	# 99
24) Nitrobenzene	8.80	77	131630	34.10	ng	97
25) Isophorone	9.32	82	247541	32.50	ng	99
26) 2-Nitrophenol	9.51	139	78108	34.88	ng	99
27) 2,4-Dimethylphenol	9.58	122	141284	37.78	ng	96
28) bis(2-Chloroethoxy)methane	9.81	93	159786	34.77	ng	99
29) 2,4-Dichlorophenol	10.05	162	125428	39.46	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	118814	35.27	ng	97
31) Naphthalene	10.43	128	423195	34.56	ng	98
32) Benzoic acid	9.73	122	49931	28.94	ng	98
33) 4-Chloroaniline	10.56	127	96175	17.05	ng	97
34) Hexachlorobutadiene	10.71	225	51737	34.38	ng	98
35) Caprolactam	11.32	113	29204	17.04	ng	93
36) 4-Chloro-3-methylphenol	11.70	107	137351	37.16	ng	98
37) 2-Methylnaphthalene	12.05	142	305121	34.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	109553	33.71	ng	99
40) Hexachlorocyclopentadiene	12.41	237	85708	69.13	ng	97

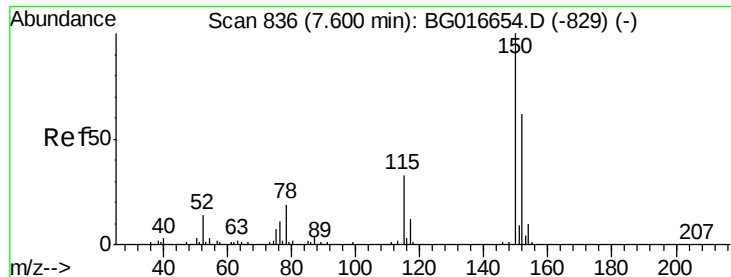
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042315\
 Data File : BG016663.D
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 Operator : TP/IZ
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	83991	35.37	ng	99
43) 2,4,5-Trichlorophenol	12.76	196	91845	36.55	ng	99
45) 1,1'-Biphenyl	13.08	154	372947	34.81	ng	100
46) 2-Chloronaphthalene	13.12	162	279979	34.00	ng	100
47) 2-Nitroaniline	13.34	65	80631	35.90	ng	98
48) Acenaphthylene	13.97	152	489993	33.97	ng	100
49) Dimethylphthalate	13.72	163	352574	34.55	ng	99
50) 2,6-Dinitrotoluene	13.84	165	88489	35.34	ng	97
51) Acenaphthene	14.32	154	297014	34.31	ng	100
52) 3-Nitroaniline	14.17	138	73826	24.39	ng	97
53) 2,4-Dinitrophenol	14.39	184	92271	68.94	ng	97
54) Dibenzofuran	14.65	168	434689	35.60	ng	99
55) 4-Nitrophenol	14.51	139	181108	79.86	ng	96
56) 2,4-Dinitrotoluene	14.63	165	126487	36.88	ng	97
57) Fluorene	15.30	166	381161	35.71	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.80	232	67833	35.68	ng	90
59) Diethylphthalate	15.09	149	378978	35.64	ng	99
60) 4-Chlorophenyl-phenylether	15.30	204	157175	35.26	ng	97
61) 4-Nitroaniline	15.34	138	123459	36.88	ng	97
62) Azobenzene	15.59	77	365859	37.67	ng	100
64) 4,6-Dinitro-2-methylphenol	15.40	198	68239	33.83	ng	98
65) n-Nitrosodiphenylamine	15.51	169	344429	33.70	ng	99
66) 4-Bromophenyl-phenylether	16.19	248	83609	33.57	ng	97
67) Hexachlorobenzene	16.30	284	86965	33.95	ng	98
68) Atrazine	16.47	200	110970	40.45	ng	100
69) Pentachlorophenol	16.66	266	96277	77.40	ng	99
70) Phenanthrene	17.04	178	596751	34.85	ng	99
71) Anthracene	17.13	178	603728	35.45	ng	99
72) Carbazole	17.41	167	655485	38.41	ng	99
73) Di-n-butylphthalate	17.96	149	771464	37.93	ng	100
74) Fluoranthene	19.06	202	685276	37.77	ng	99
76) Benzidine	19.25	184	416348	40.39	ng	99
77) Pyrene	19.42	202	731185	34.39	ng	99
79) Butylbenzylphthalate	20.33	149	370409	35.42	ng	98
80) Benzo(a)anthracene	21.17	228	633606	34.53	ng	99
81) 3,3'-Dichlorobenzidine	21.11	252	130185	21.77	ng	96
82) Chrysene	21.22	228	603868	34.33	ng	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	508145	35.71	ng	98
84) Di-n-octyl phthalate	21.96	149	841504	35.51	ng	100
85) Indeno(1,2,3-cd)pyrene	25.63	276	645532	33.67	ng	100
87) Benzo(b)fluoranthene	22.72	252	601792	35.81	ng	99
88) Benzo(k)fluoranthene	22.77	252	568952	34.69	ng	99
89) Benzo(a)pyrene	23.29	252	570326	36.01	ng	99
90) Dibenzo(a,h)anthracene	25.64	278	539883	35.06	ng	97
91) Benzo(g,h,i)perylene	26.32	276	545914	34.84	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.60 min Scan# 836

Delta R.T. 0.00 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

Instrument :

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ClientSampleId :

PB82956BS

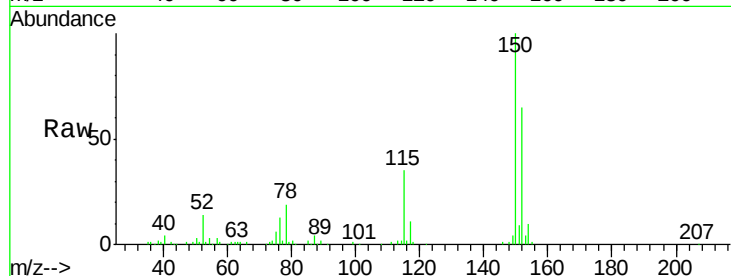
Tgt Ion:152 Resp: 55950

Ion Ratio Lower Upper

152 100

150 153.6 129.6 194.4

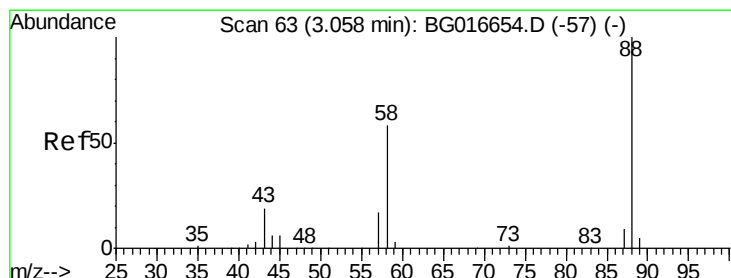
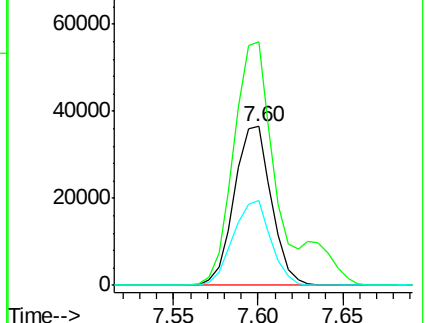
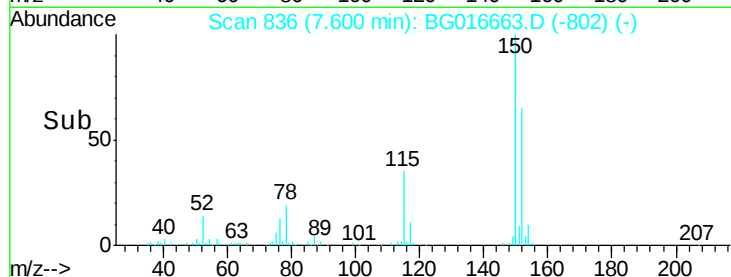
115 53.8 43.0 64.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.12 ng

RT: 3.05 min Scan# 62

Delta R.T. -0.01 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

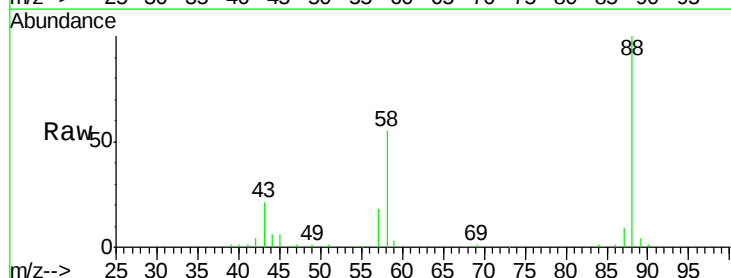
Tgt Ion: 88 Resp: 46486

Ion Ratio Lower Upper

88 100

58 57.4 46.8 70.2

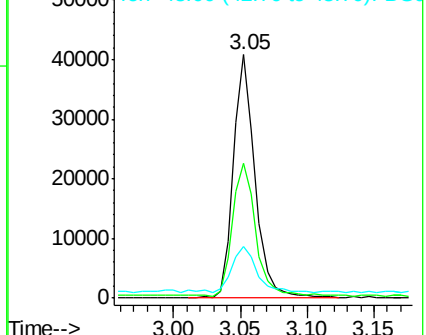
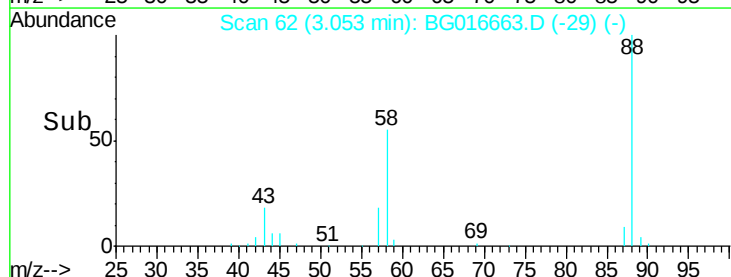
43 21.0 15.8 23.8



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.77 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

Instrument :

BNA_F

ClientSampleId :

PB82956BS

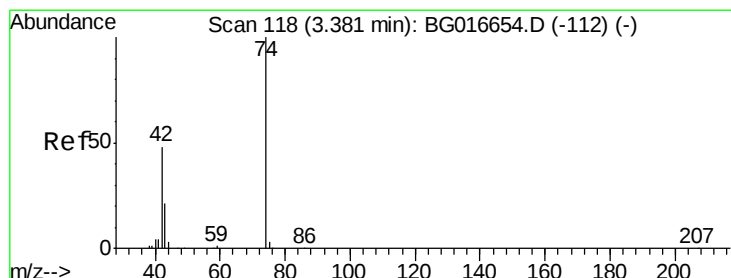
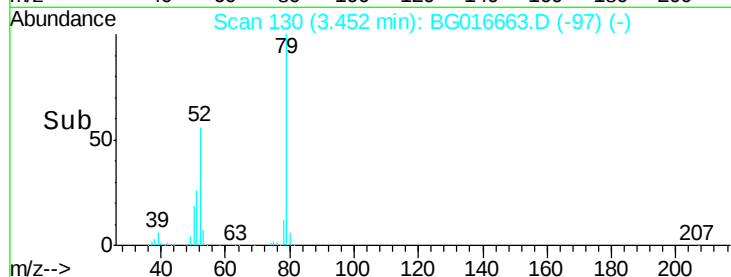
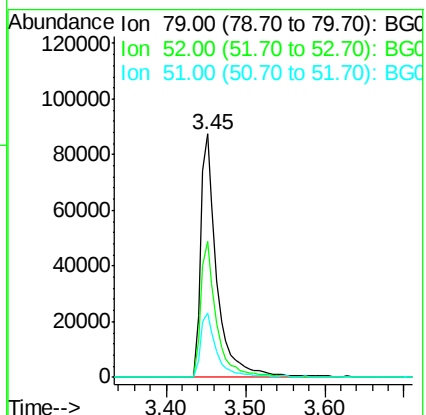
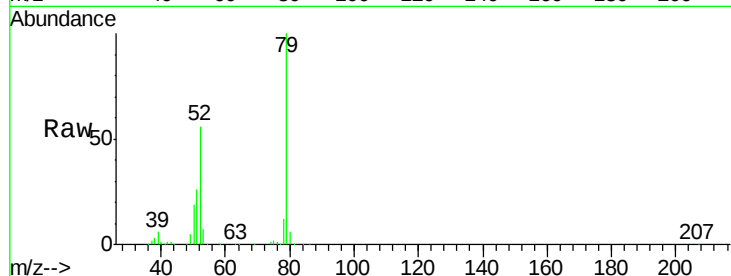
Tgt Ion: 79 Resp: 126253

Ion Ratio Lower Upper

79 100

52 55.8 42.7 64.1

51 26.3 20.5 30.7



#4

n-Nitrosodimethylamine

Concen: 33.47 ng

RT: 3.38 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

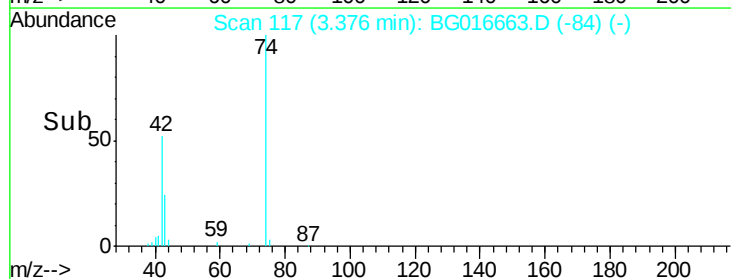
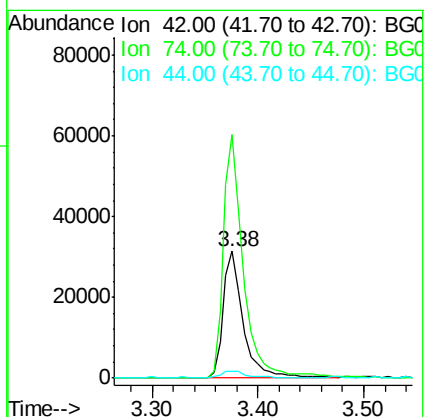
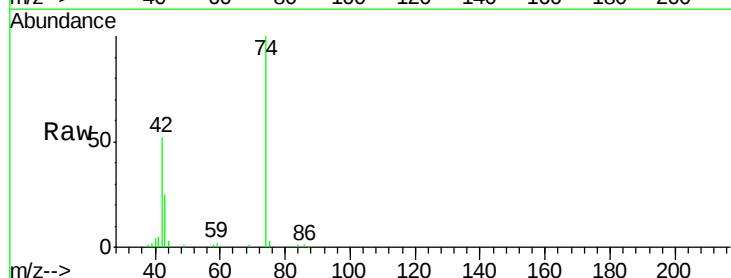
Tgt Ion: 42 Resp: 41873

Ion Ratio Lower Upper

42 100

74 191.8 165.6 248.4

44 5.6 5.0 7.6





#5

2-Fluorophenol

Concen: 115.26 ng

RT: 5.19 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

Instrument :

BNA_F

ClientSampleId :

PB82956BS

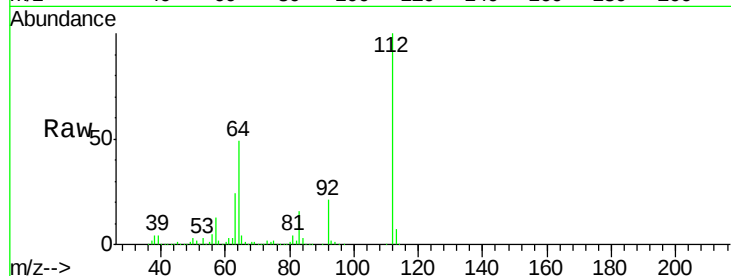
Tgt Ion: 112 Resp: 397401

Ion Ratio Lower Upper

112 100

64 48.8 38.3 57.5

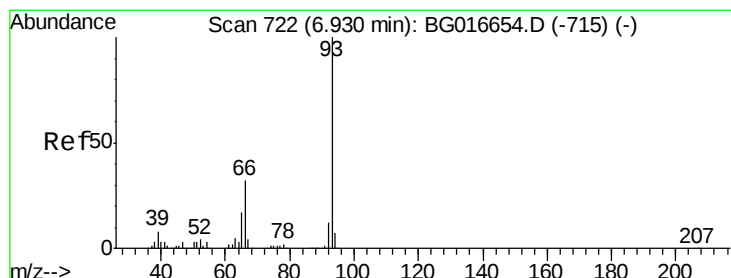
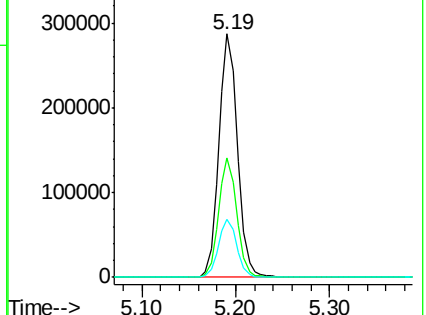
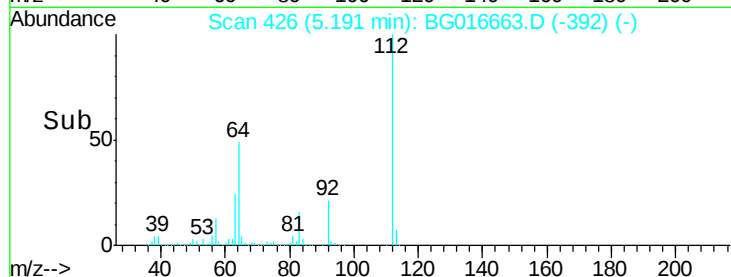
63 23.6 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.81 ng

RT: 6.93 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

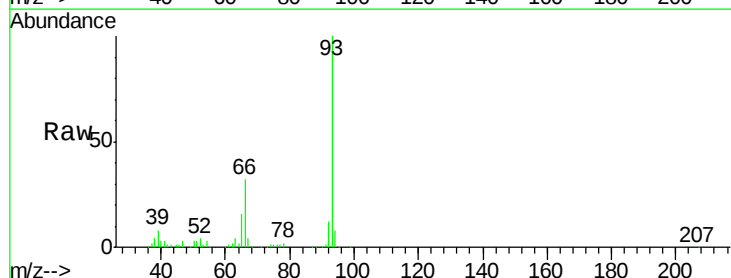
Tgt Ion: 93 Resp: 151325

Ion Ratio Lower Upper

93 100

66 32.2 25.4 38.2

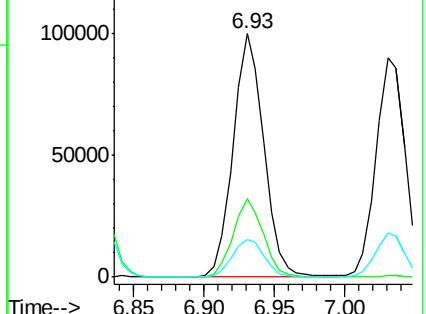
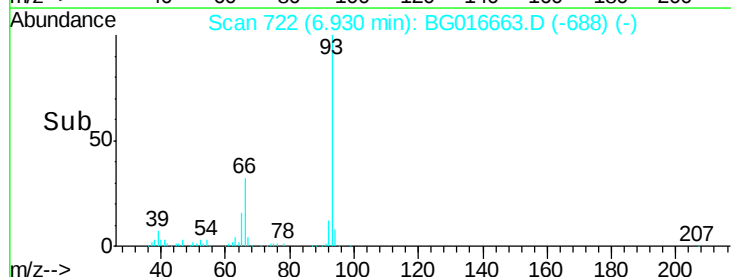
65 15.5 13.8 20.6

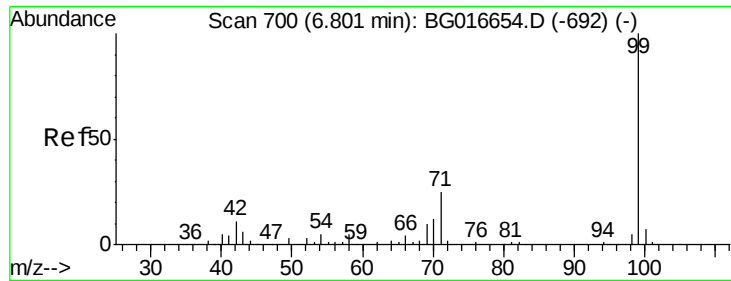


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.99 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

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ClientSampleId :

PB82956BS

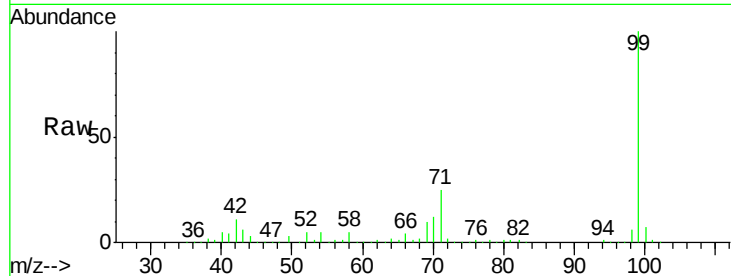
Tgt Ion: 99 Resp: 532036

Ion Ratio Lower Upper

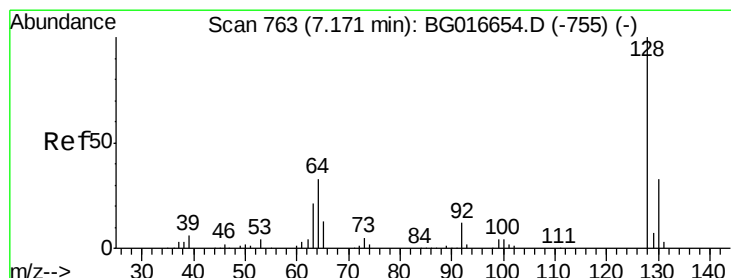
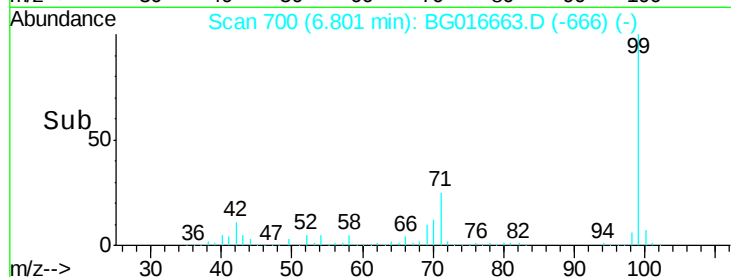
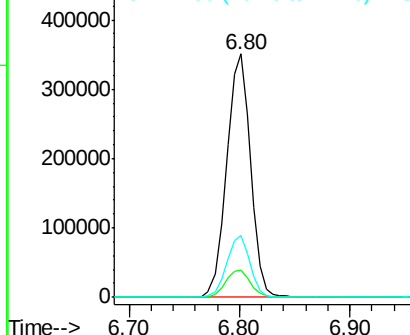
99 100

42 11.3 8.8 13.2

71 25.2 19.9 29.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 35.06 ng

RT: 7.17 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

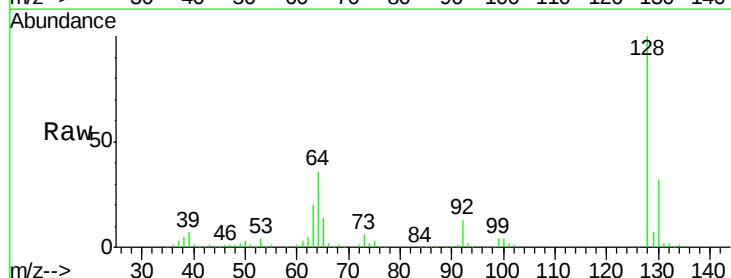
Tgt Ion: 128 Resp: 149396

Ion Ratio Lower Upper

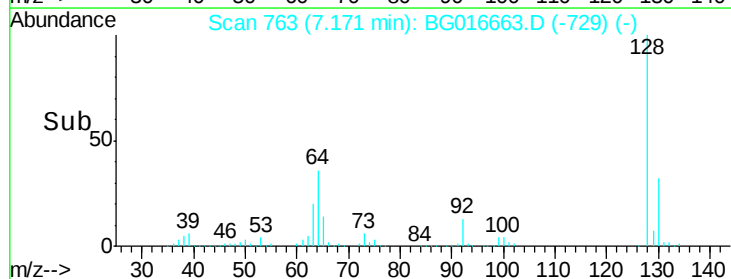
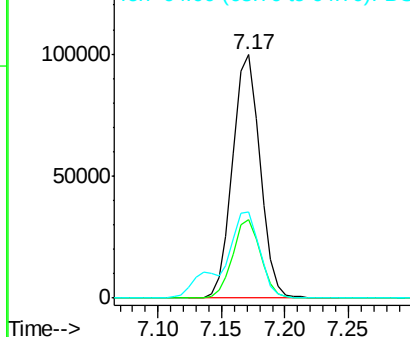
128 100

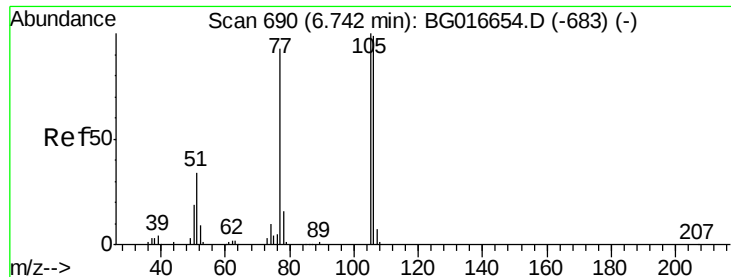
130 32.0 13.5 53.5

64 35.6 15.8 55.8



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 6.64 ng

RT: 6.74 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

Instrument :

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ClientSampleId :

PB82956BS

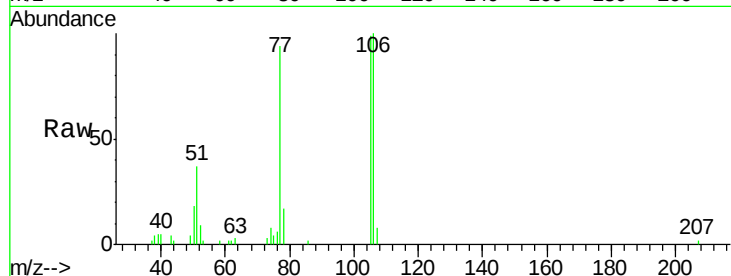
Tgt Ion: 77 Resp: 13124

Ion Ratio Lower Upper

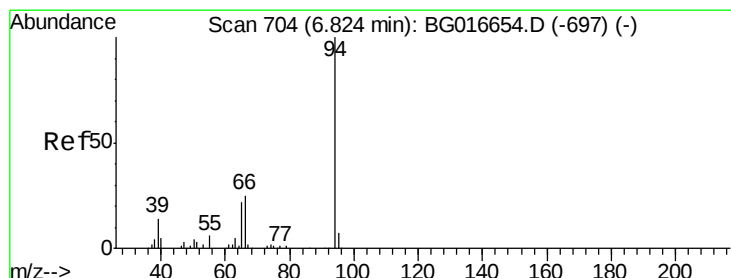
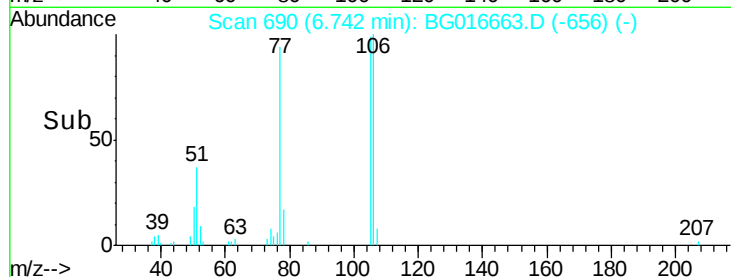
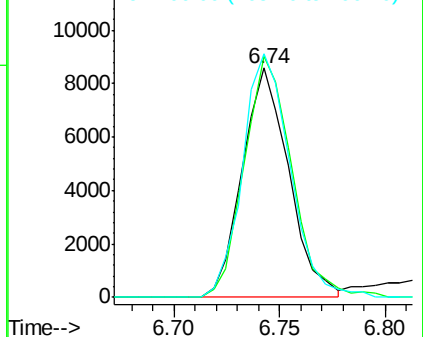
77 100

105 105.4 88.0 128.0

106 106.2 86.6 126.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.47 ng

RT: 6.82 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

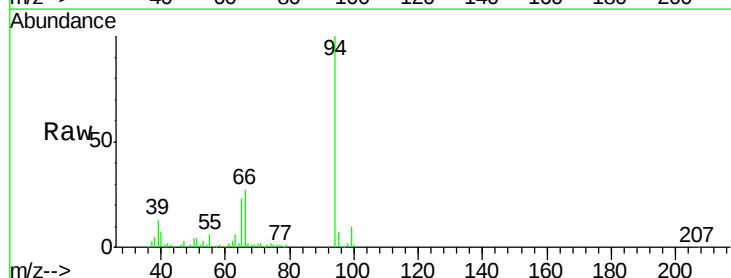
Tgt Ion: 94 Resp: 185930

Ion Ratio Lower Upper

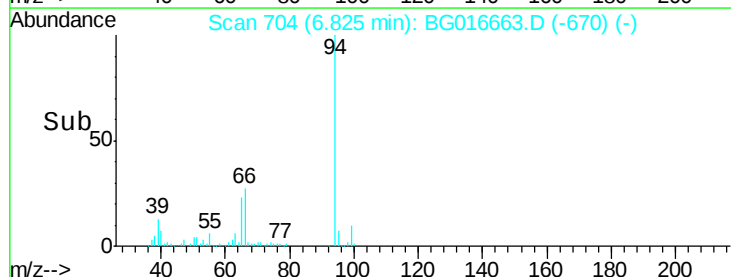
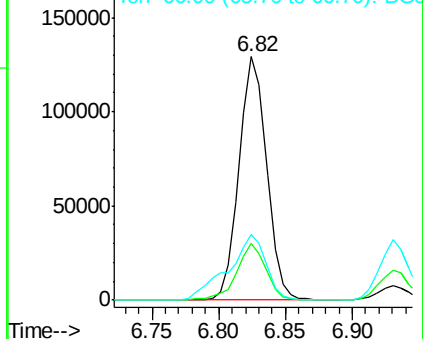
94 100

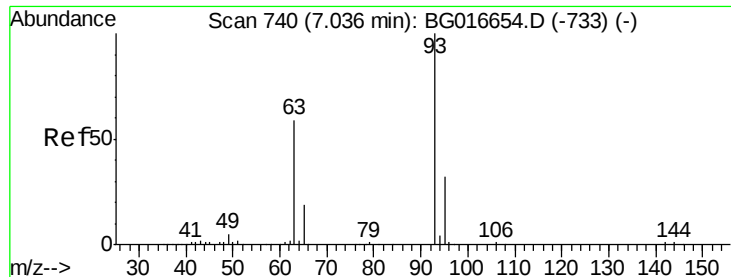
65 23.1 2.6 42.6

66 27.2 7.0 47.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

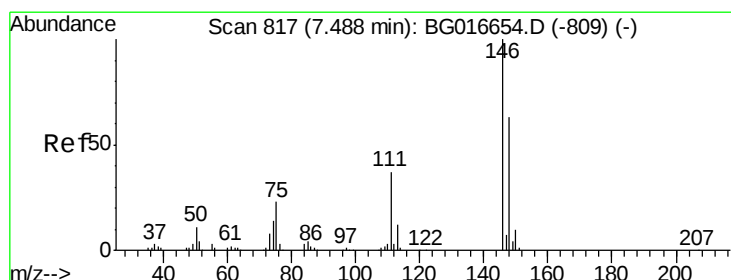
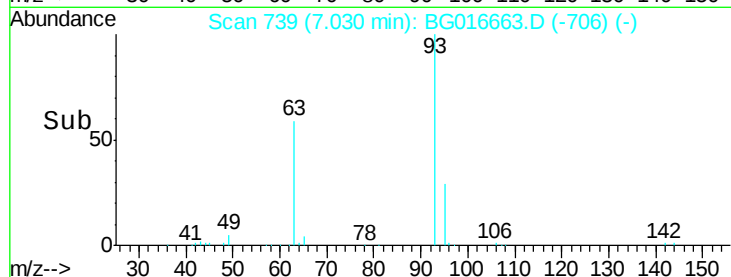
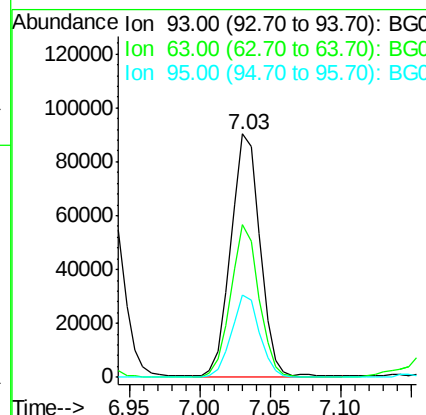
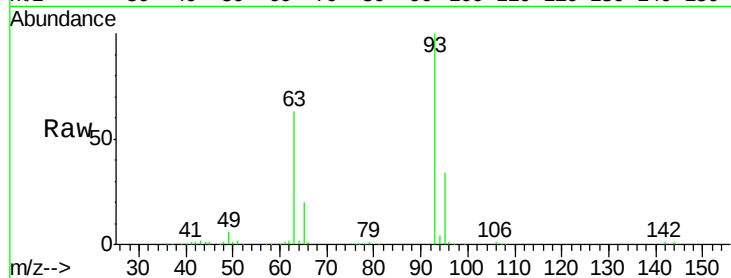




#11
bis(2-Chloroethyl)ether
Concen: 32.75 ng
RT: 7.03 min Scan# 739
Delta R.T. -0.01 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

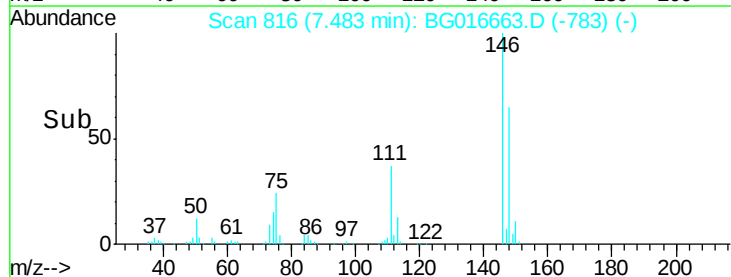
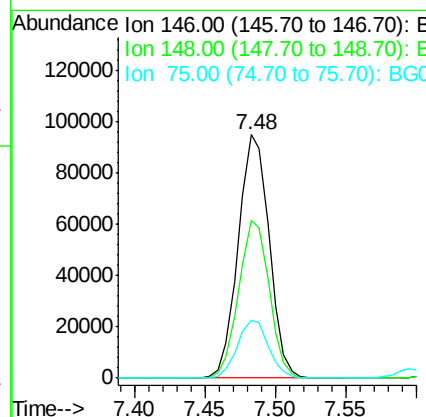
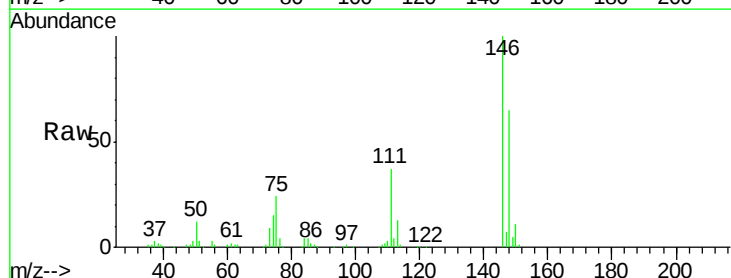
Instrument :
BNA_F
ClientSampleId :
PB82956BS

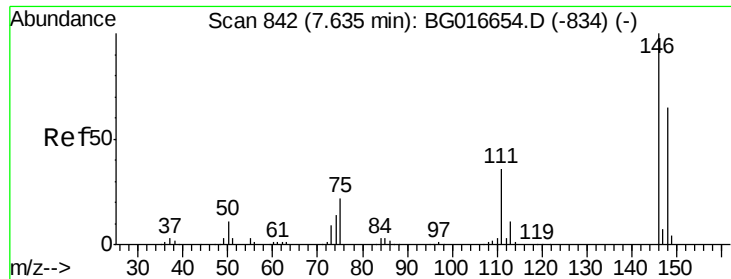
Tgt Ion: 93 Resp: 130346
Ion Ratio Lower Upper
93 100
63 62.6 39.2 79.2
95 33.8 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 33.07 ng
RT: 7.48 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

Tgt Ion: 146 Resp: 145749
Ion Ratio Lower Upper
146 100
148 64.8 50.2 75.4
75 23.9 18.4 27.6

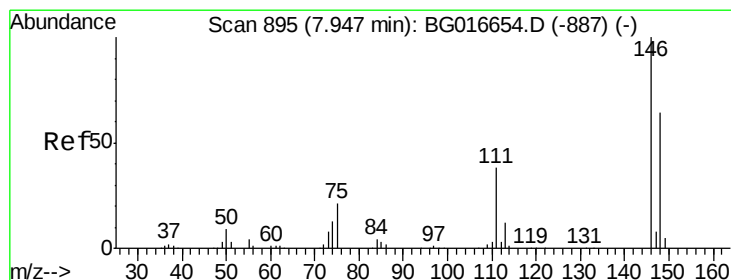
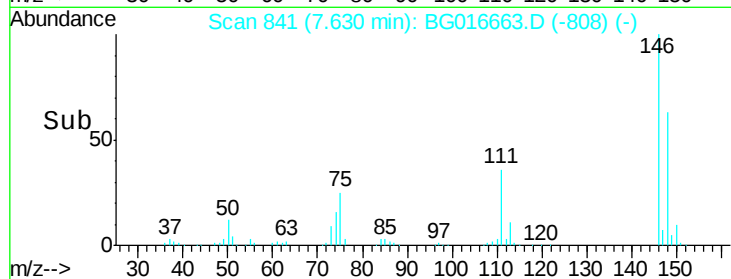
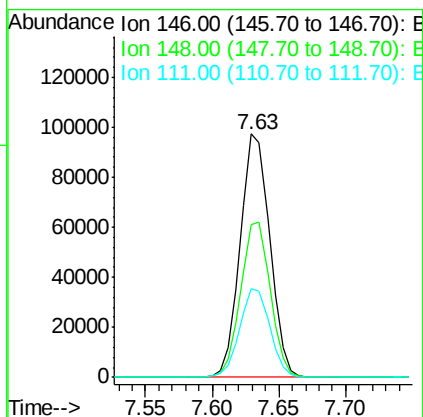
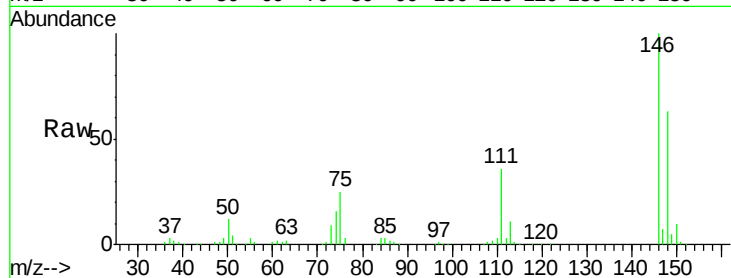




#13
 1,4-Dichlorobenzene
 Concen: 33.13 ng
 RT: 7.63 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG016663.D
 Acq: 23 Apr 2015 21:28

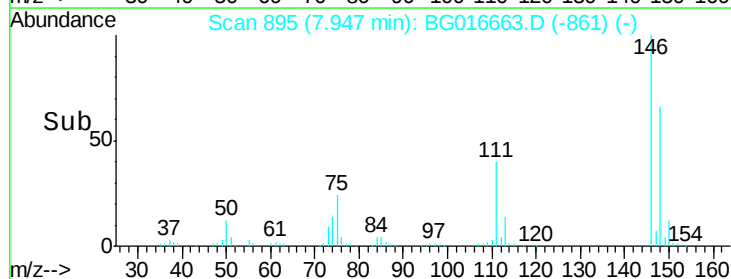
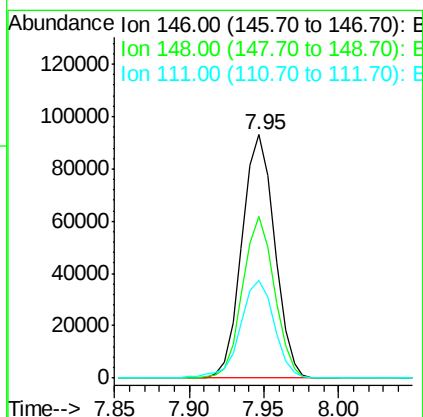
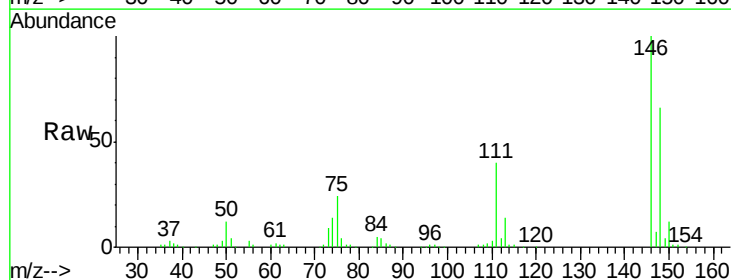
Instrument :
 BNA_F
 ClientSampleId :
 PB82956BS

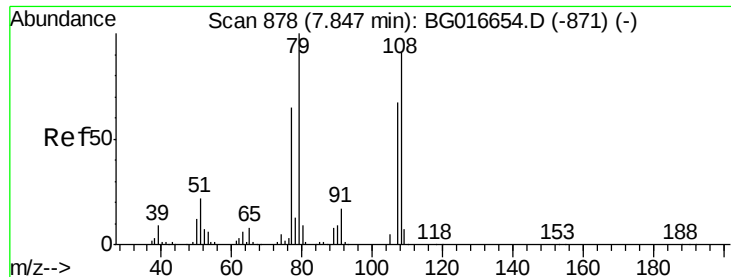
Tgt Ion:146 Resp: 149247
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.6 77.4
 111 36.5 29.0 43.4



#14
 1,2-Dichlorobenzene
 Concen: 32.78 ng
 RT: 7.95 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BG016663.D
 Acq: 23 Apr 2015 21:28

Tgt Ion:146 Resp: 140994
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.3 76.9
 111 40.2 31.0 46.4





#15

Benzyl Alcohol

Concen: 33.37 ng

RT: 7.85 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

Instrument :

BNA_F

ClientSampleId :

PB82956BS

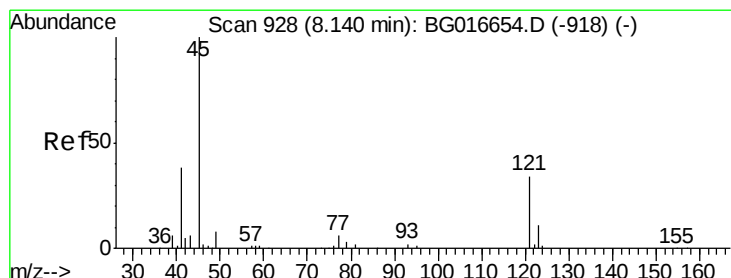
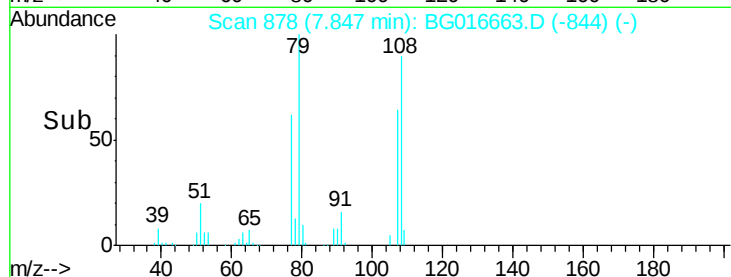
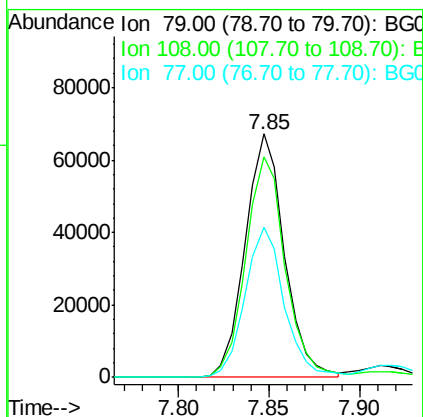
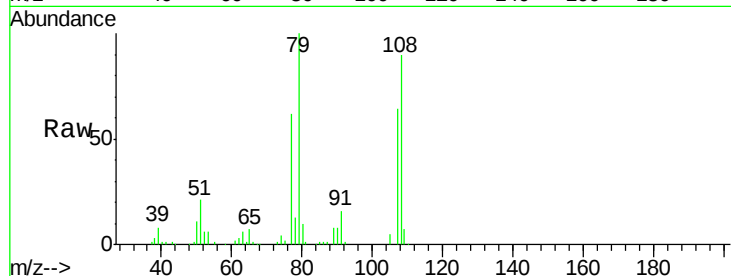
Tgt Ion: 79 Resp: 101298

Ion Ratio Lower Upper

79 100

108 90.4 73.0 109.4

77 61.5 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.17 ng

RT: 8.14 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

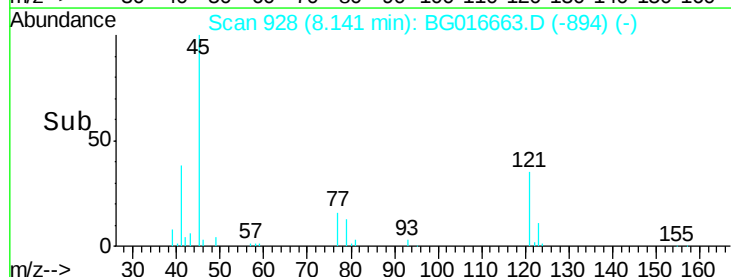
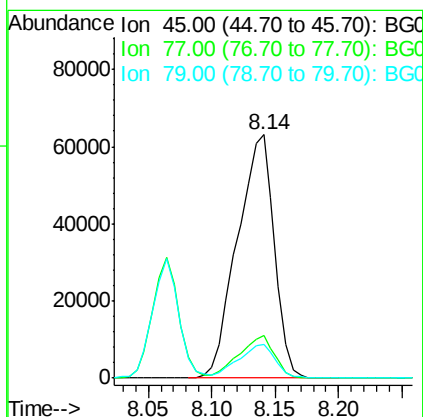
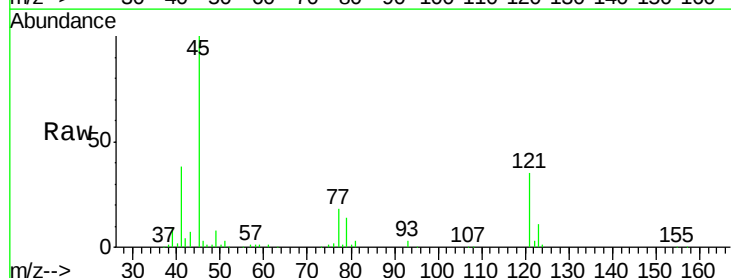
Tgt Ion: 45 Resp: 127296

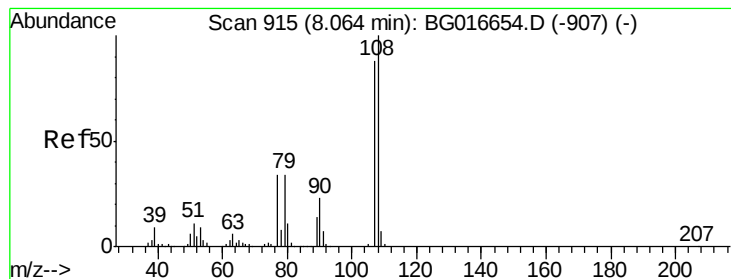
Ion Ratio Lower Upper

45 100

77 17.6 0.0 37.3

79 14.0 0.0 34.7

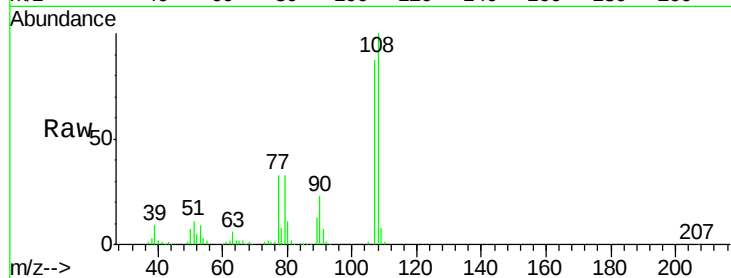




#17
2-Methylphenol
Concen: 35.57 ng
RT: 8.06 min Scan# 915
Delta R.T. 0.00 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

Instrument :
BNA_F
ClientSampleId :
PB82956BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.5	90.6	135.8
77	38.6	31.4	47.0
79	37.9	30.9	46.3



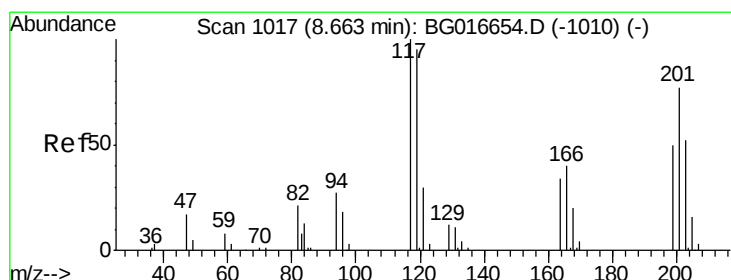
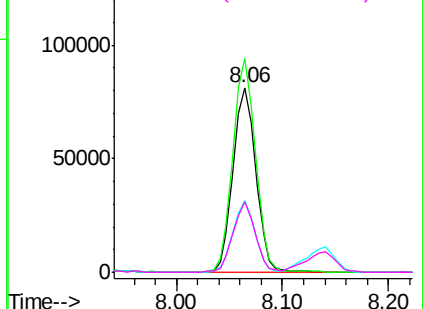
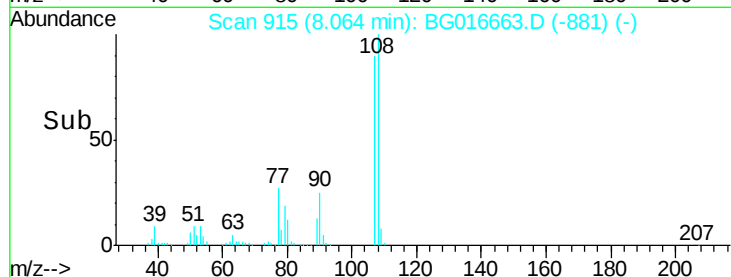
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

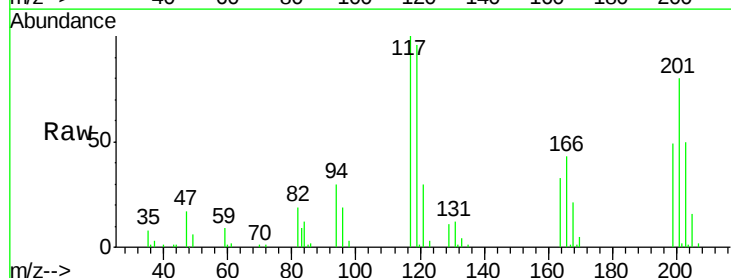
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 33.22 ng
RT: 8.66 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.3	114.5
201	80.4	61.5	92.3

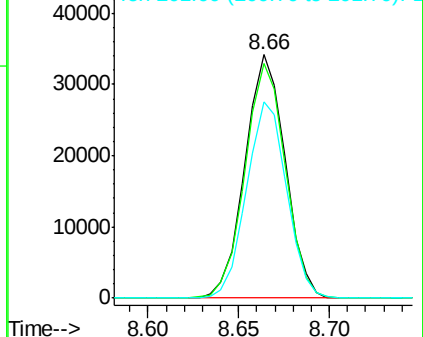
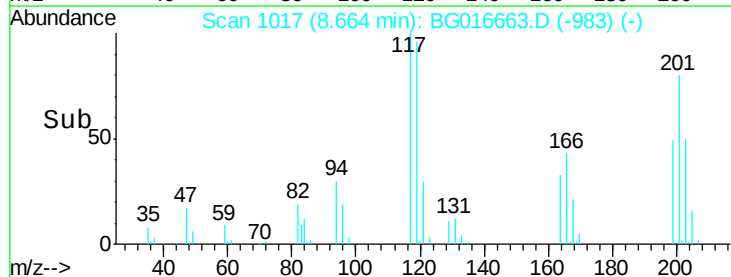


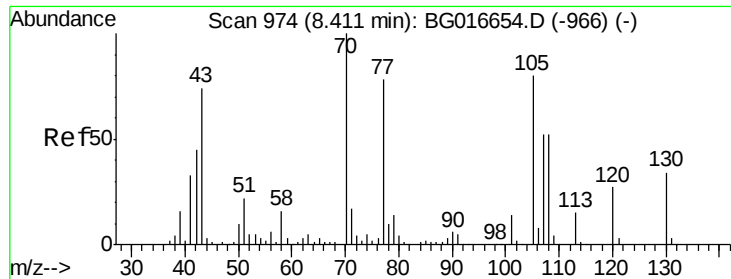
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

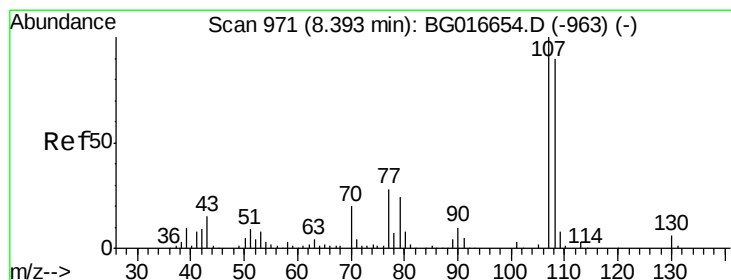
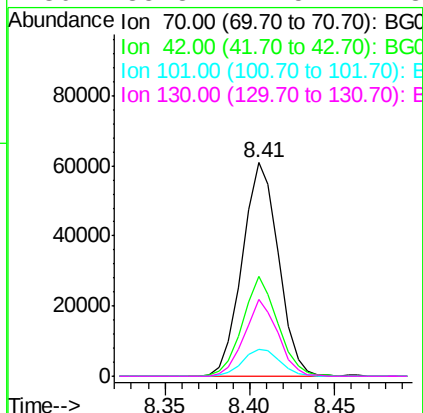
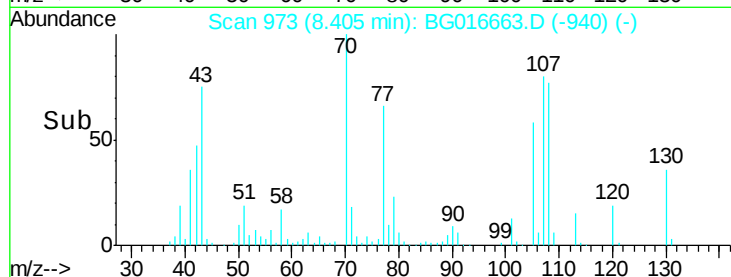
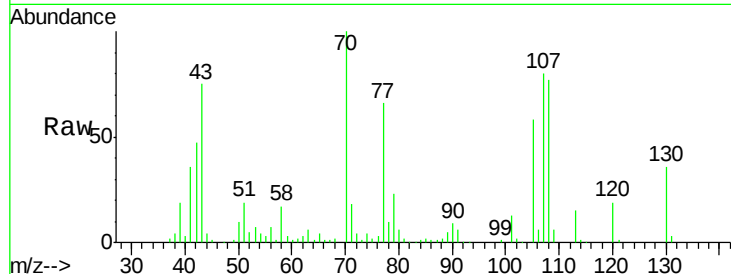




#19
n-Nitroso-di-n-propylamine
Concen: 30.15 ng
RT: 8.41 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

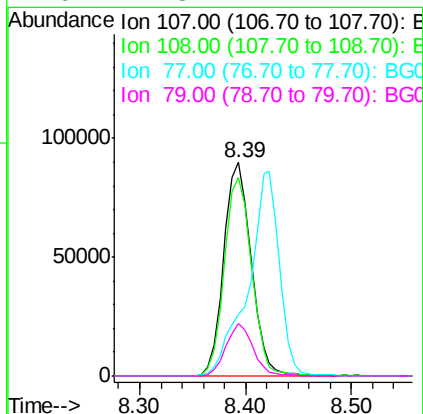
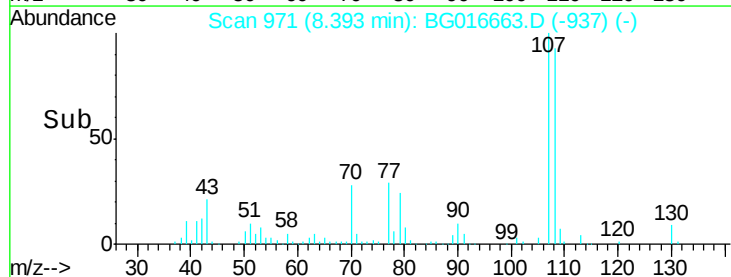
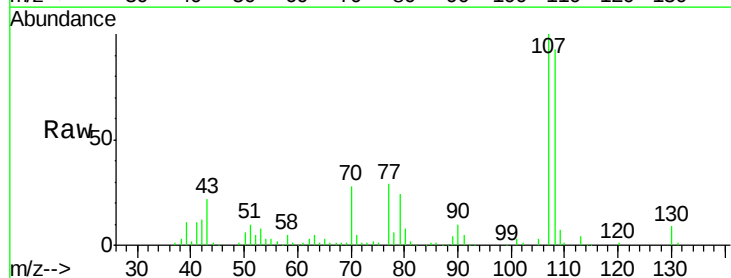
Instrument :
BNA_F
ClientSampleId :
PB82956BS

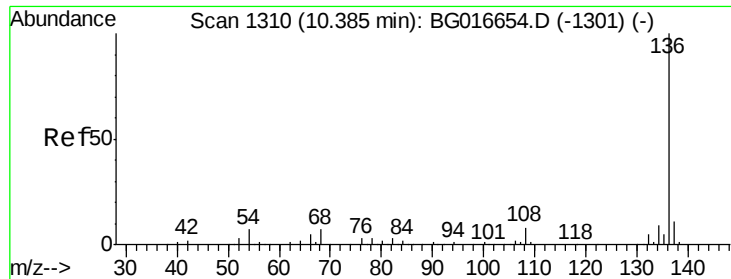
Tgt Ion:	70	Resp:	90895
Ion	Ratio	Lower	Upper
70	100		
42	46.7	35.7	53.5
101	12.8	11.0	16.4
130	35.8	27.5	41.3



#20
3+4-Methylphenols
Concen: 33.90 ng
RT: 8.39 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

Tgt Ion:	107	Resp:	162455
Ion	Ratio	Lower	Upper
107	100		
108	92.8	69.5	109.5
77	29.0	8.2	48.2
79	24.3	4.2	44.2

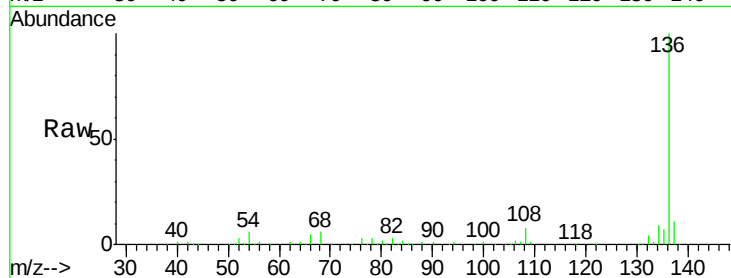




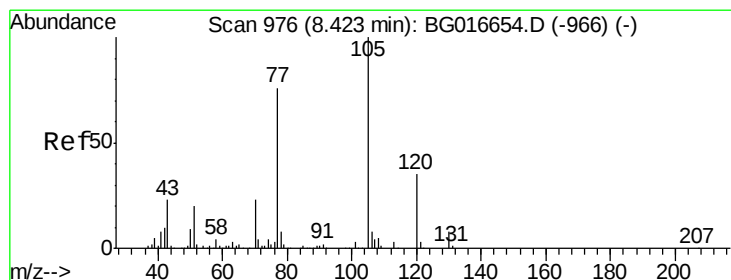
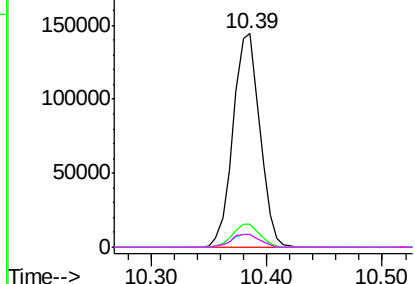
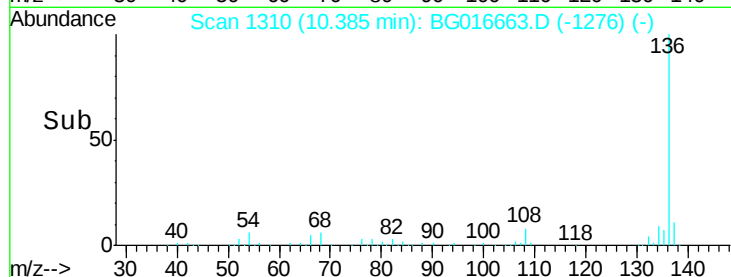
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.39 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

Instrument :
BNA_F
ClientSampleId :
PB82956BS

Tgt Ion:	136	Resp:	232226
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.3	5.4	8.2
68	6.3	5.2	7.8

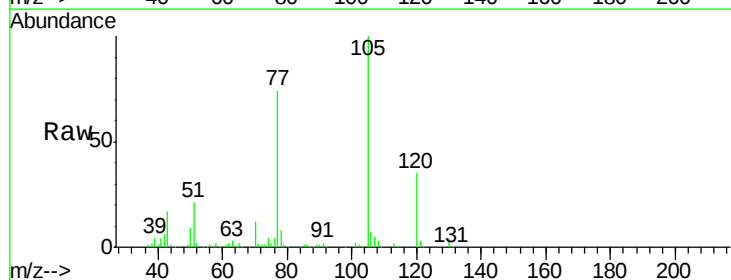


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

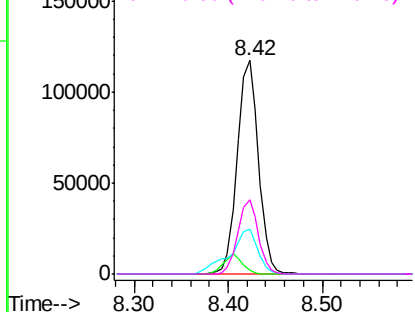
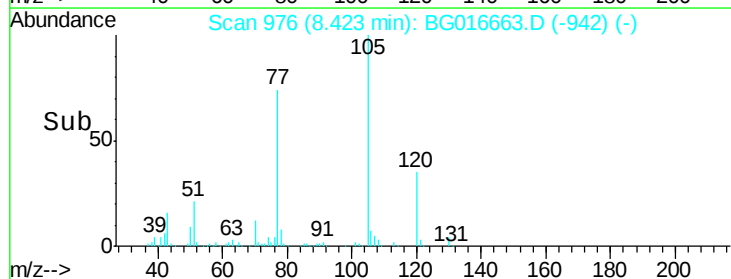


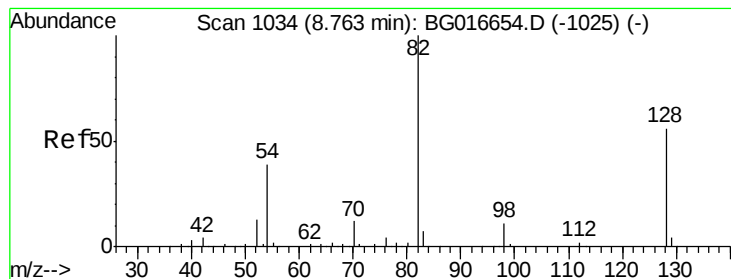
#22
Acetophenone
Concen: 36.01 ng
RT: 8.42 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

Tgt Ion:	105	Resp:	183524
Ion	Ratio	Lower	Upper
105	100		
71	1.9	3.0	4.4#
51	21.0	16.5	24.7
120	34.6	27.8	41.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 71.89 ng

RT: 8.76 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

Instrument :

BNA_F

ClientSampleId :

PB82956BS

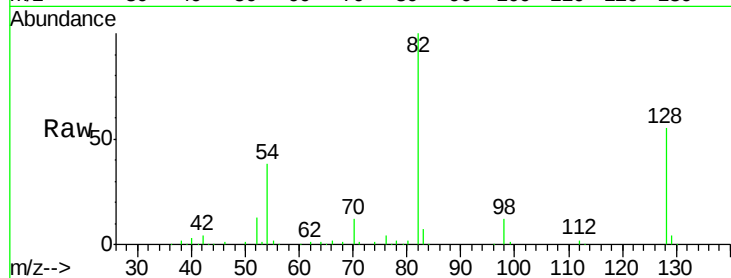
Tgt Ion: 82 Resp: 264197

Ion Ratio Lower Upper

82 100

128 54.8 44.7 67.1

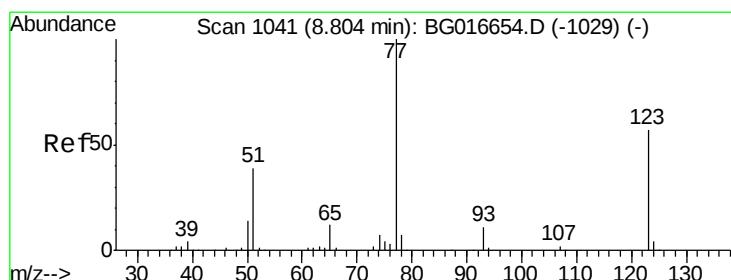
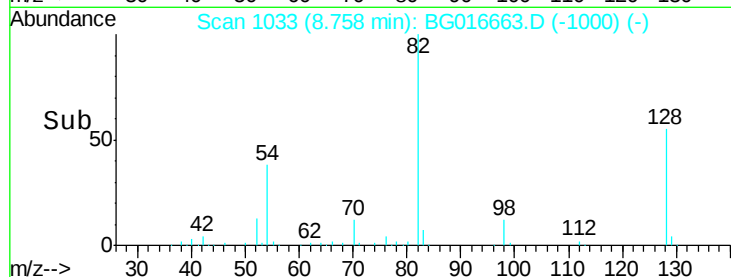
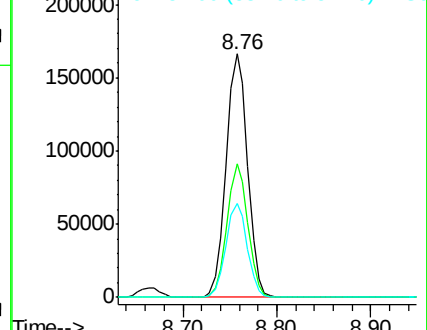
54 38.3 30.9 46.3



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 34.10 ng

RT: 8.80 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

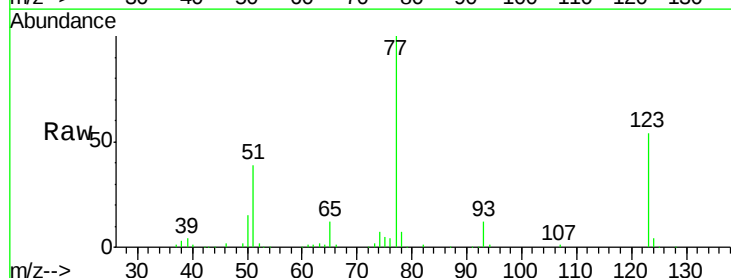
Tgt Ion: 77 Resp: 131630

Ion Ratio Lower Upper

77 100

123 54.3 45.6 68.4

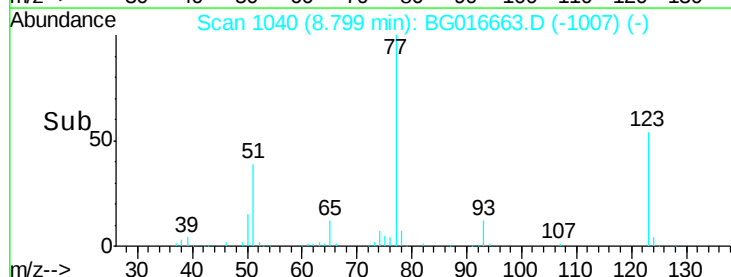
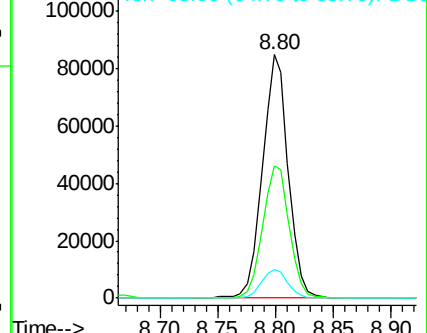
65 11.5 9.4 14.2

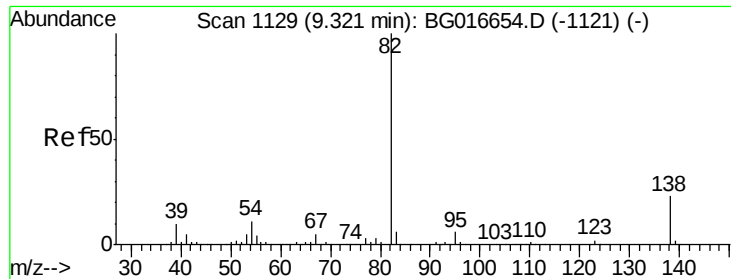


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 32.50 ng

RT: 9.32 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

Instrument :

BNA_F

ClientSampleId :

PB82956BS

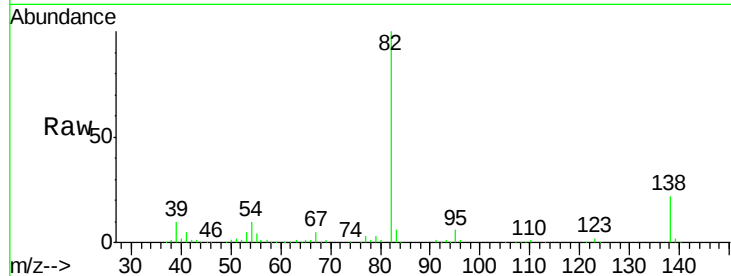
Tgt Ion: 82 Resp: 247541

Ion Ratio Lower Upper

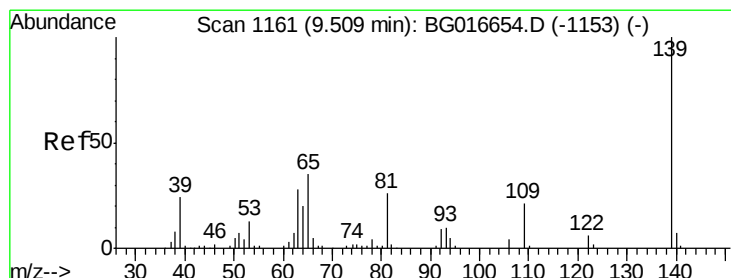
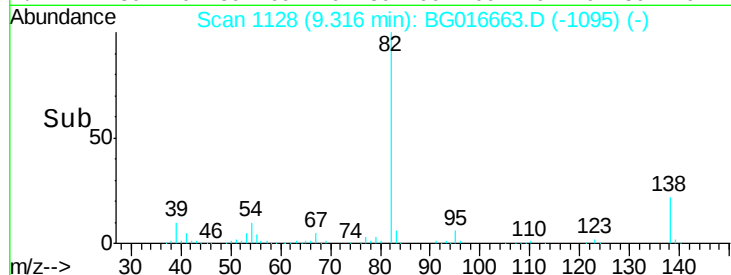
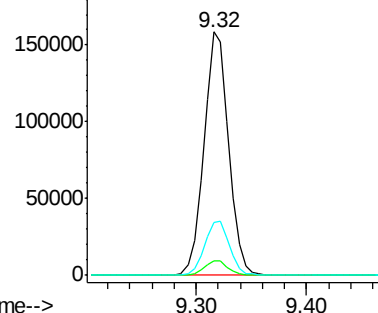
82 100

95 6.0 5.0 7.6

138 21.9 18.2 27.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 34.88 ng

RT: 9.51 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

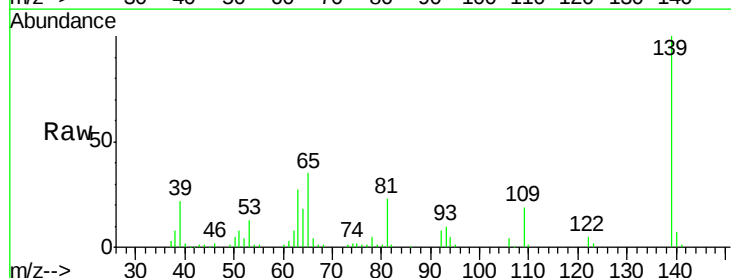
Tgt Ion: 139 Resp: 78108

Ion Ratio Lower Upper

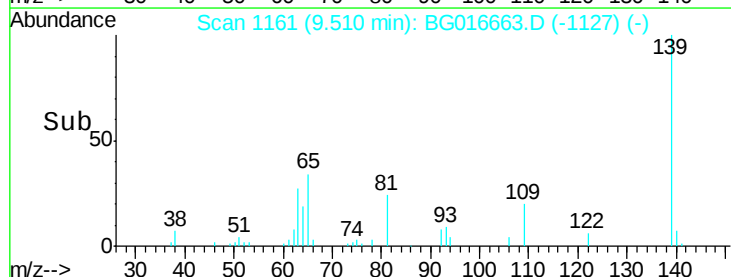
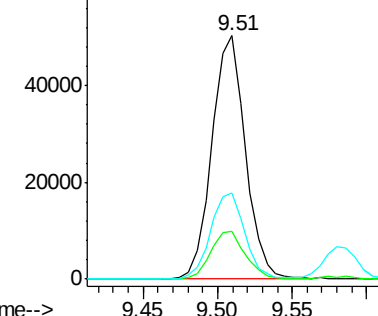
139 100

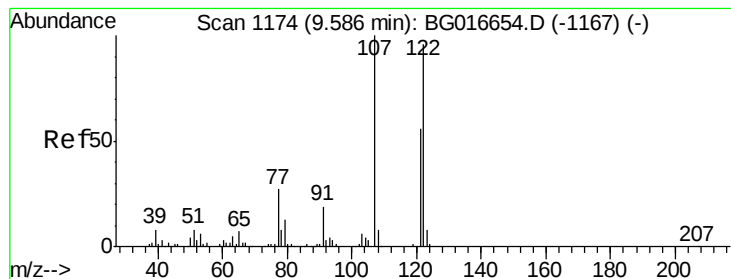
109 19.5 17.0 25.6

65 35.3 28.2 42.4



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

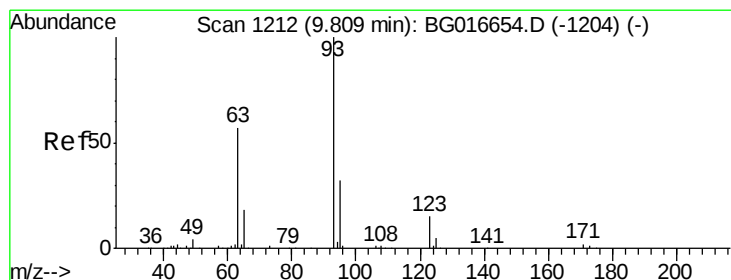
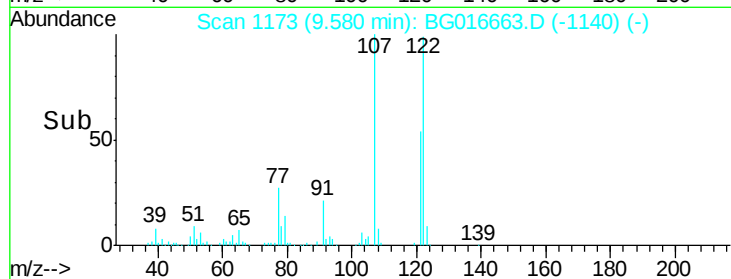
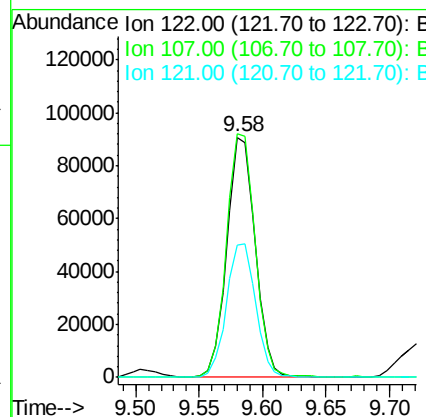
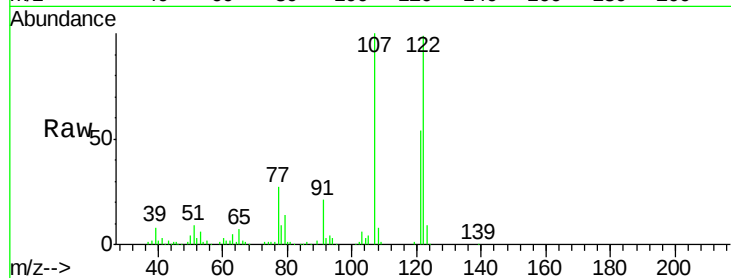




#27
 2,4-Dimethylphenol
 Concen: 37.78 ng
 RT: 9.58 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BG016663.D
 Acq: 23 Apr 2015 21:28

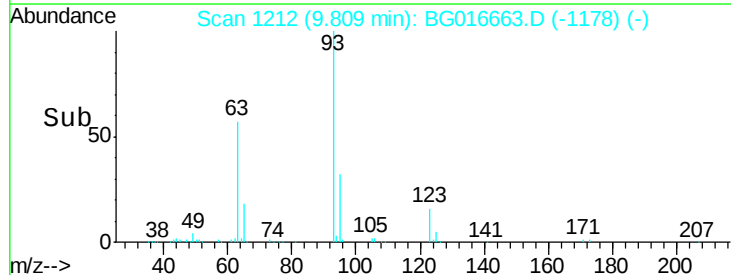
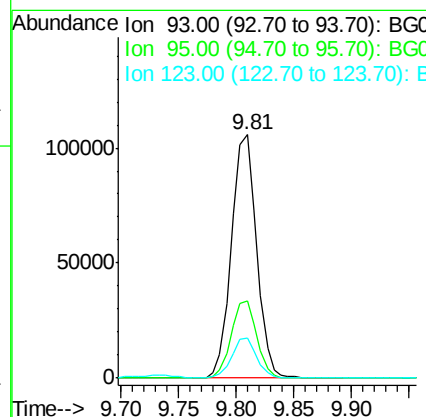
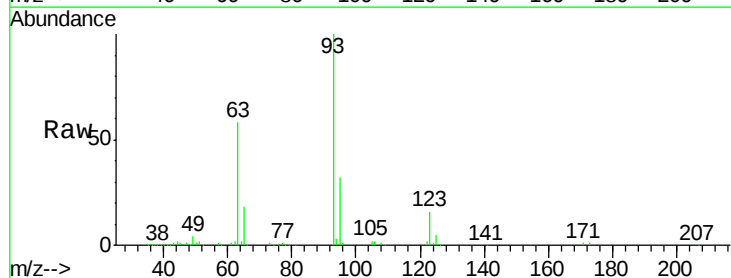
Instrument :
 BNA_F
 ClientSampleId :
 PB82956BS

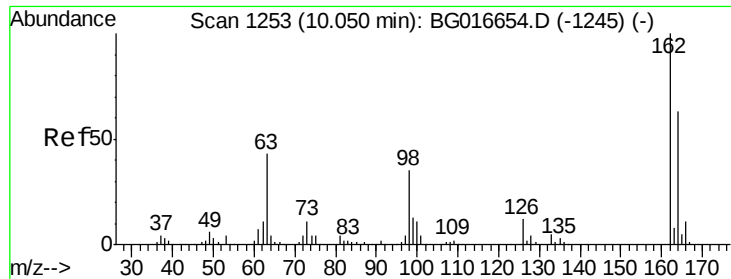
Tgt Ion	Ratio	Lower	Upper
122	100		
107	101.4	83.6	125.4
121	55.1	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.77 ng
 RT: 9.81 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BG016663.D
 Acq: 23 Apr 2015 21:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.4	38.2
123	16.5	12.2	18.4

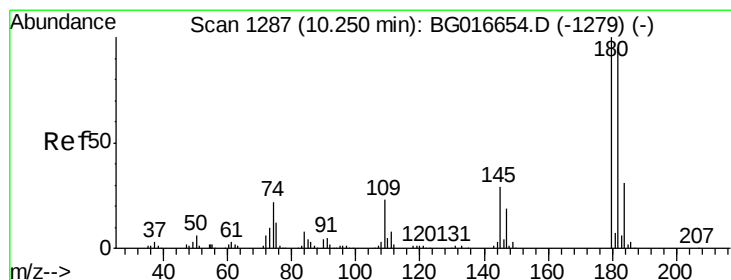
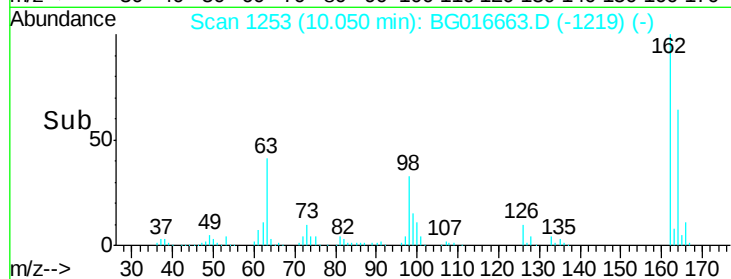
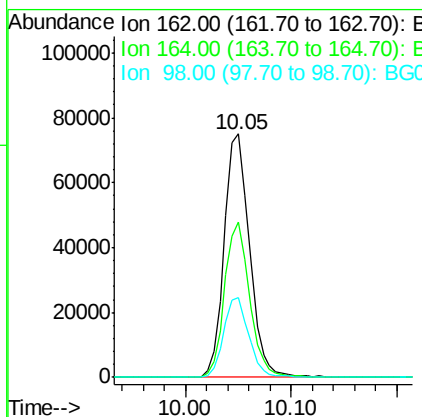
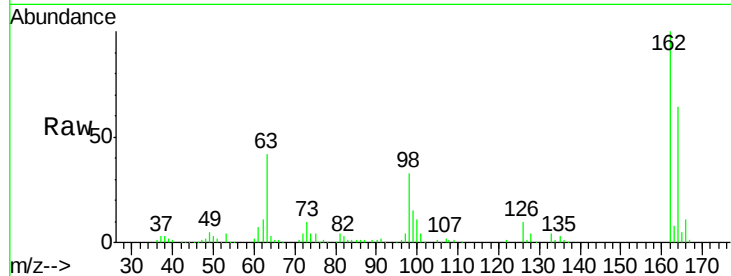




#29
 2,4-Dichlorophenol
 Concen: 39.46 ng
 RT: 10.05 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG016663.D
 Acq: 23 Apr 2015 21:28

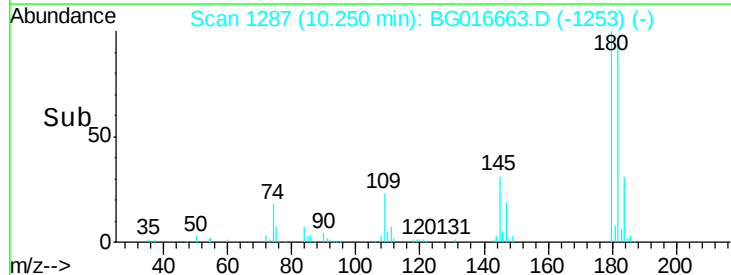
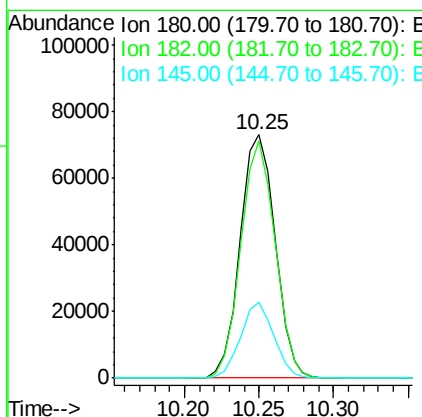
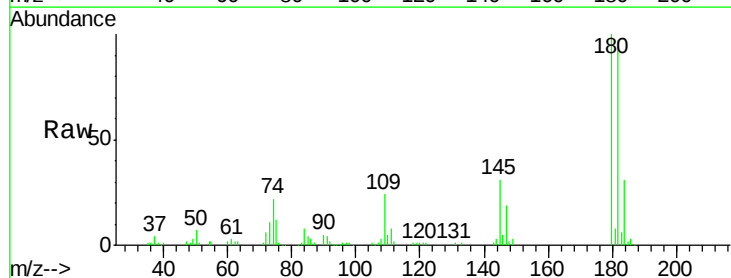
Instrument :
 BNA_F
 ClientSampleId :
 PB82956BS

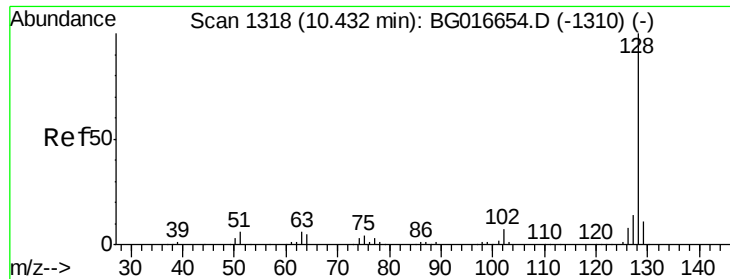
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.9	82.9
98	32.7	15.4	55.4



#30
 1,2,4-Trichlorobenzene
 Concen: 35.27 ng
 RT: 10.25 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BG016663.D
 Acq: 23 Apr 2015 21:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.2	114.4
145	31.3	23.2	34.8

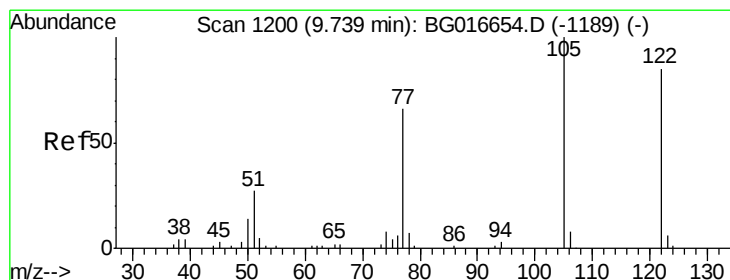
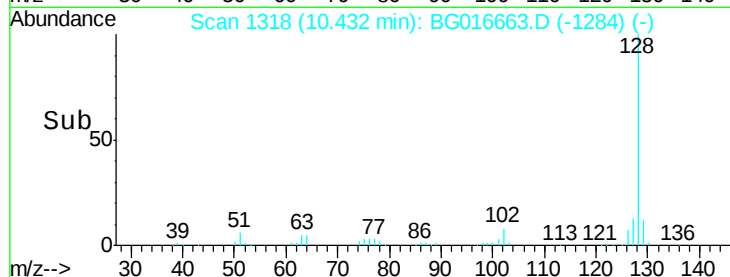
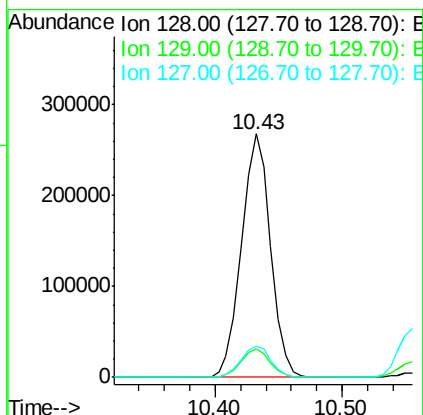
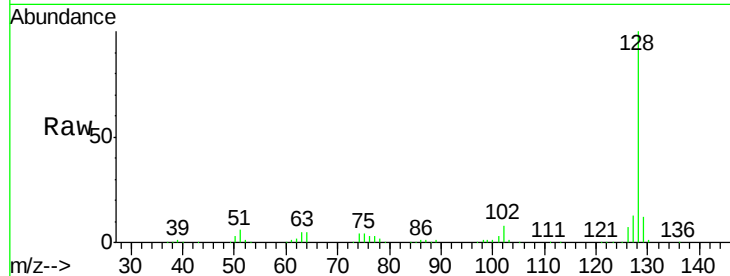




#31
Naphthalene
Concen: 34.56 ng
RT: 10.43 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

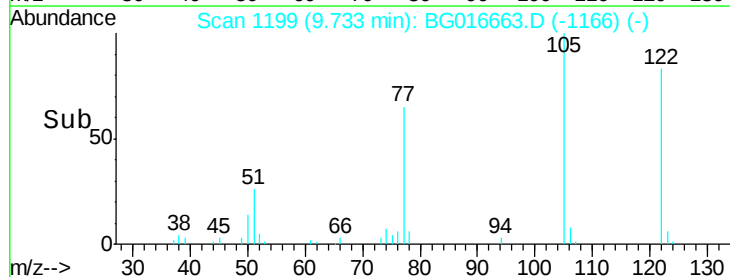
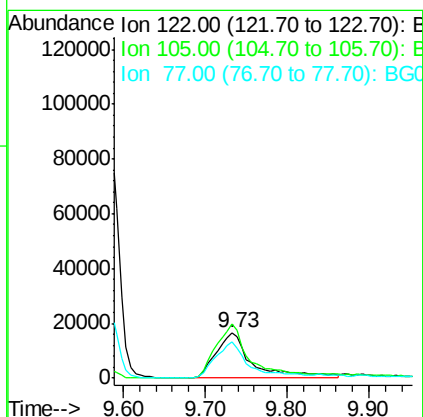
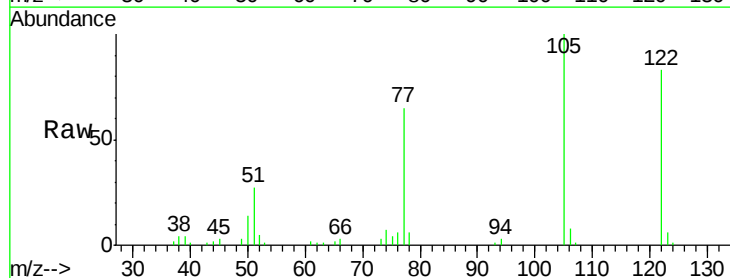
Instrument :
BNA_F
ClientSampleId :
PB82956BS

Tgt Ion:128 Resp: 423195
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.6
127 12.9 11.1 16.7



#32
Benzoic acid
Concen: 28.94 ng
RT: 9.73 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

Tgt Ion:122 Resp: 49931
Ion Ratio Lower Upper
122 100
105 120.4 97.2 137.2
77 78.7 58.4 98.4

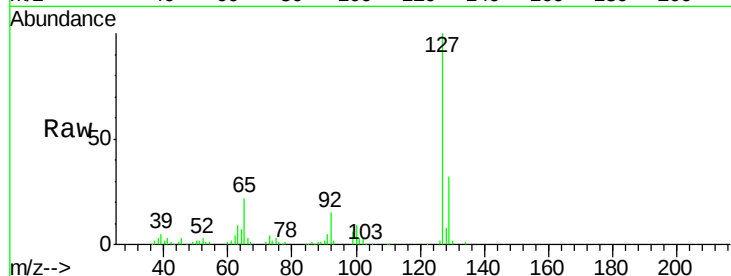




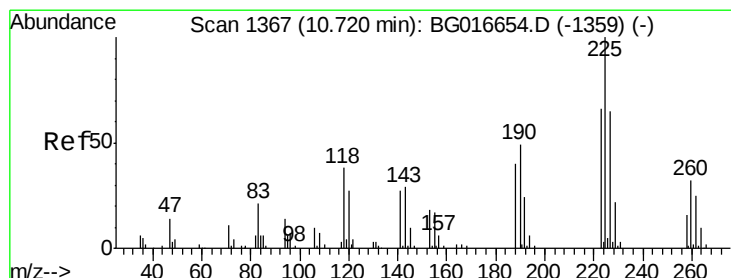
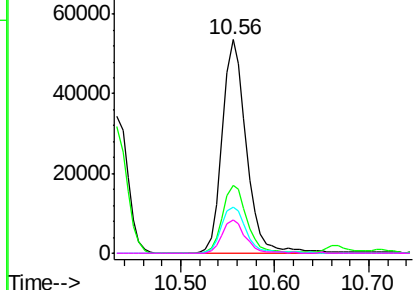
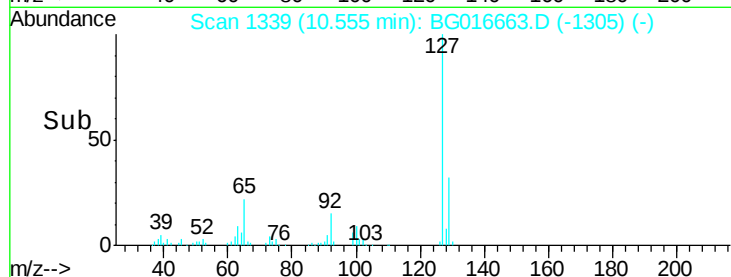
#33
4-Chloroaniline
Concen: 17.05 ng
RT: 10.56 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

Instrument :
BNA_F
ClientSampleId :
PB82956BS

Tgt Ion:	127	Resp:	96175
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.4	41.2
65	21.8	19.1	28.7
92	15.5	12.6	18.8

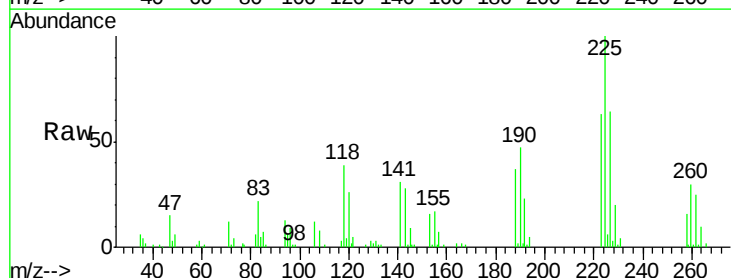


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

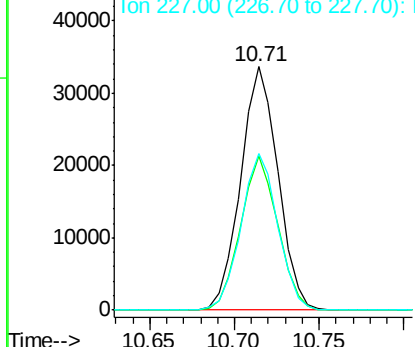
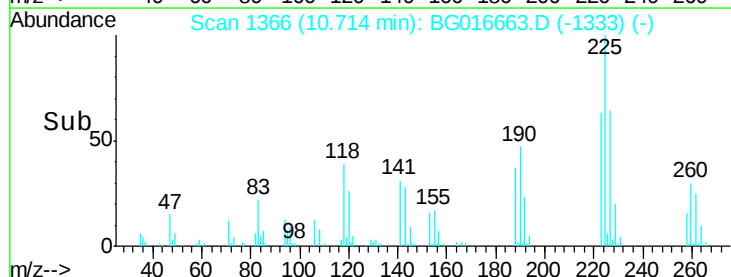


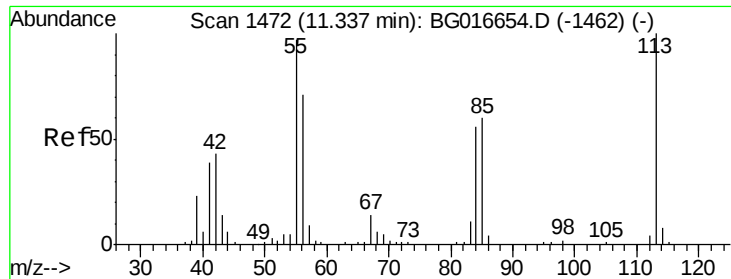
#34
Hexachlorobutadiene
Concen: 34.38 ng
RT: 10.71 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

Tgt Ion:	225	Resp:	51737
Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.6	79.0
227	64.2	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 17.04 ng

RT: 11.32 min Scan# 1469

Delta R.T. -0.02 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

Instrument :

BNA_F

ClientSampleId :

PB82956BS

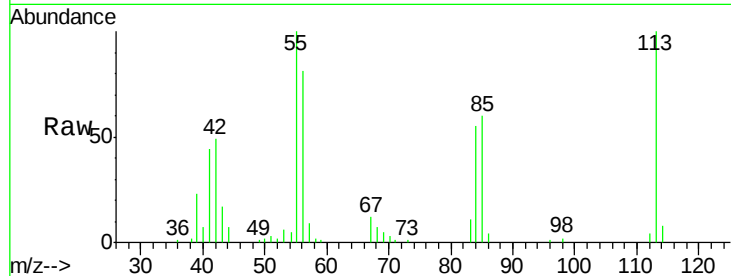
Tgt Ion:113 Resp: 29204

Ion Ratio Lower Upper

113 100

55 100.3 77.1 117.1

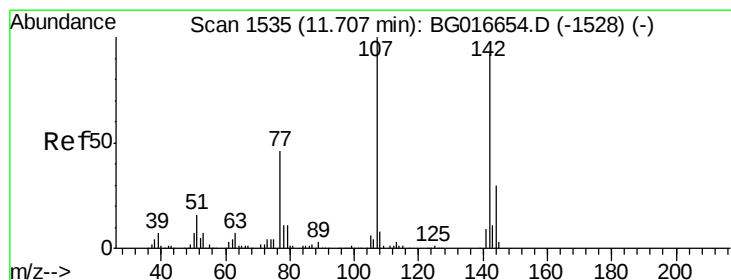
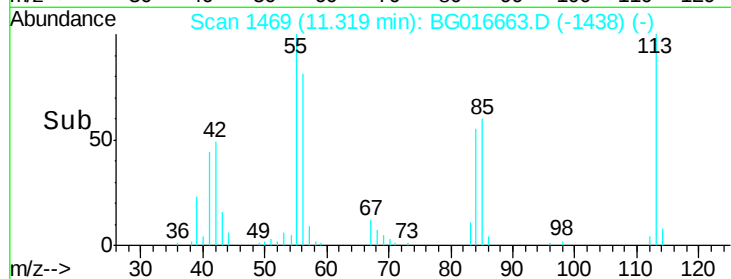
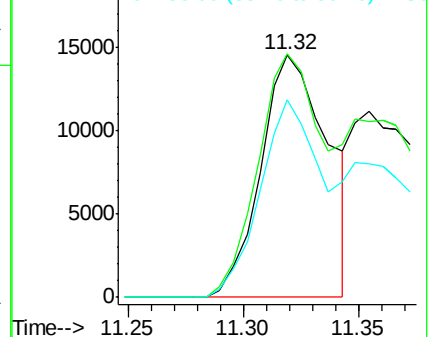
56 81.3 51.4 91.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 37.16 ng

RT: 11.70 min Scan# 1534

Delta R.T. -0.01 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

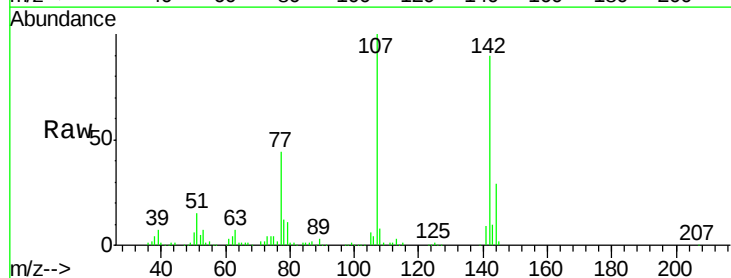
Tgt Ion:107 Resp: 137351

Ion Ratio Lower Upper

107 100

144 29.4 24.2 36.4

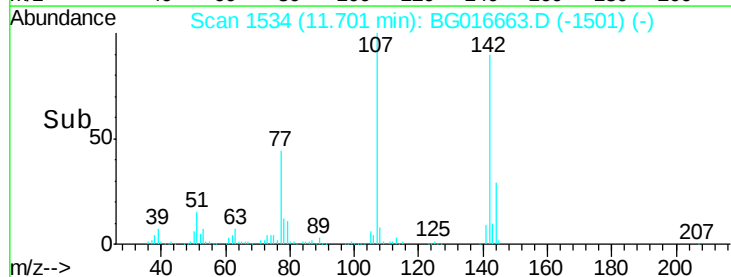
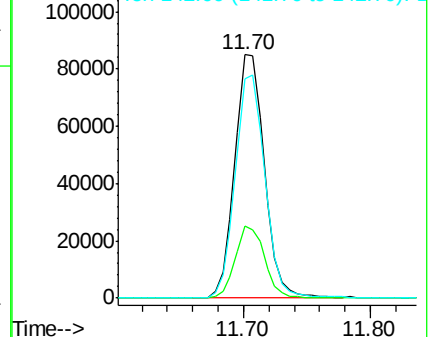
142 90.0 73.8 110.6

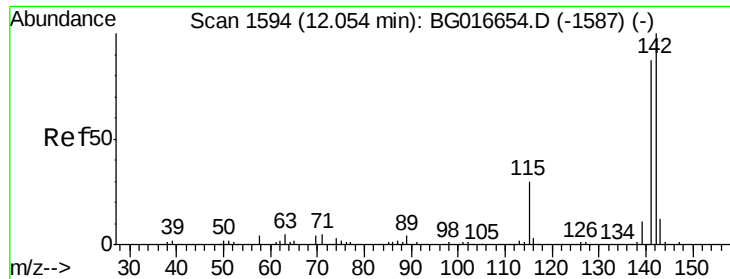


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

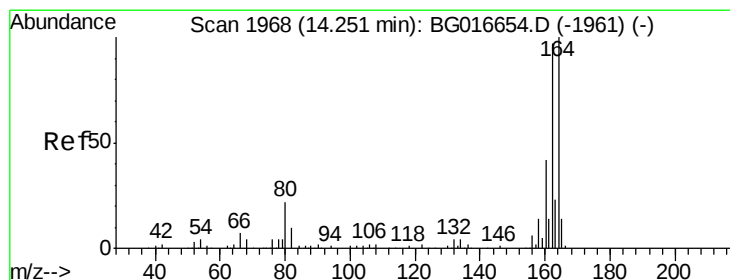
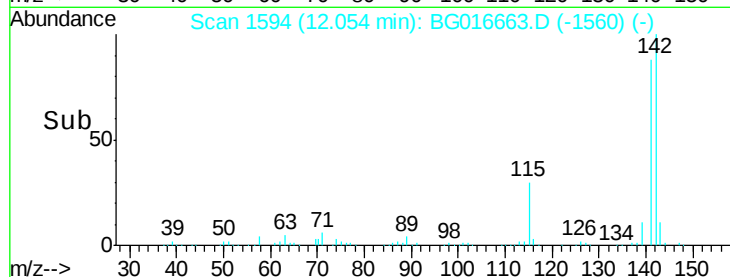
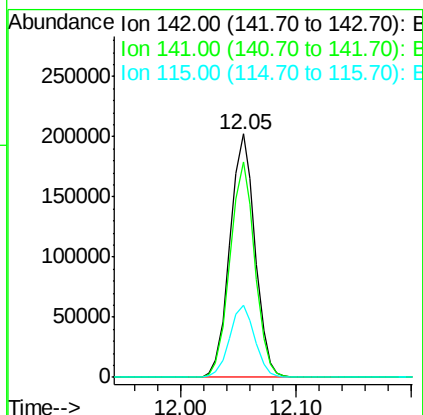
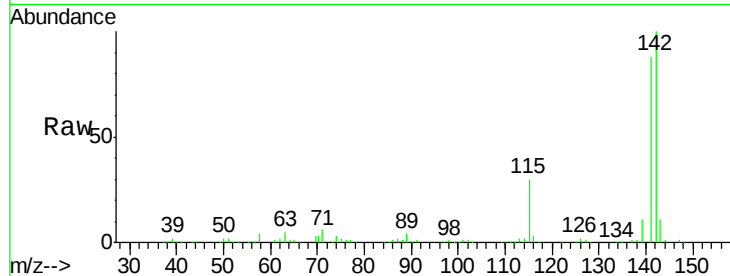




#37
2-Methylnaphthalene
Concen: 34.50 ng
RT: 12.05 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

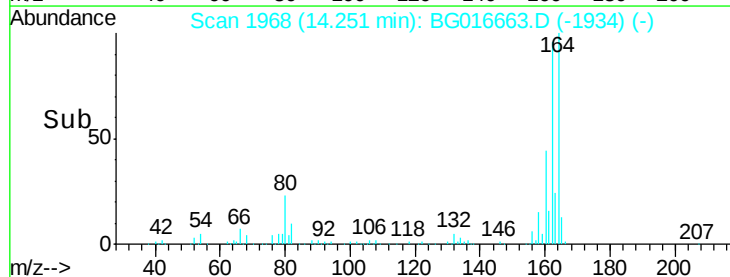
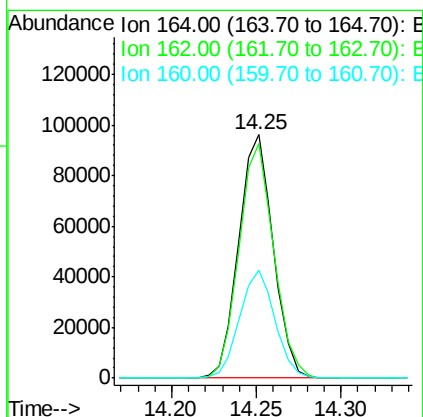
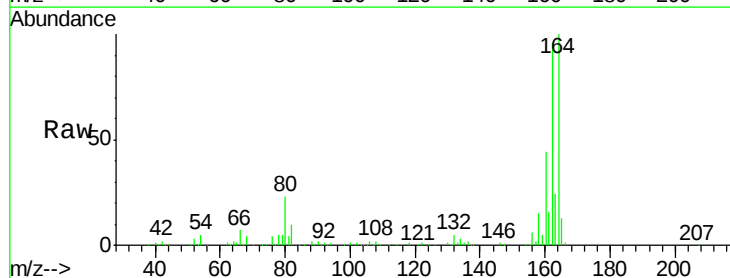
Instrument :
BNA_F
ClientSampleId :
PB82956BS

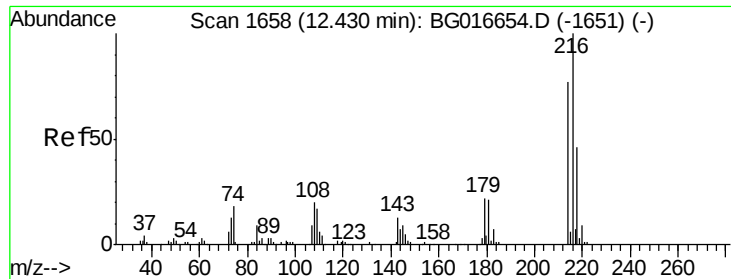
Tgt Ion:142 Resp: 305121
Ion Ratio Lower Upper
142 100
141 88.3 69.9 104.9
115 29.6 24.0 36.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG016663.D
Acq: 23 Apr 2015 21:28

Tgt Ion:164 Resp: 136406
Ion Ratio Lower Upper
164 100
162 96.4 77.3 115.9
160 44.4 33.7 50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.71 ng

RT: 12.43 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

Instrument :

BNA_F

ClientSampleId :

PB82956BS

Tgt Ion:216 Resp: 109553

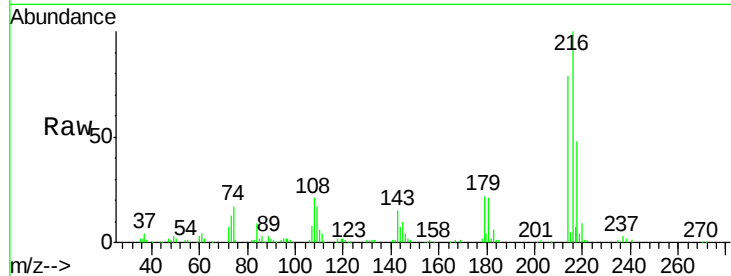
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 22.6 17.6 26.4

108 24.4 18.1 27.1

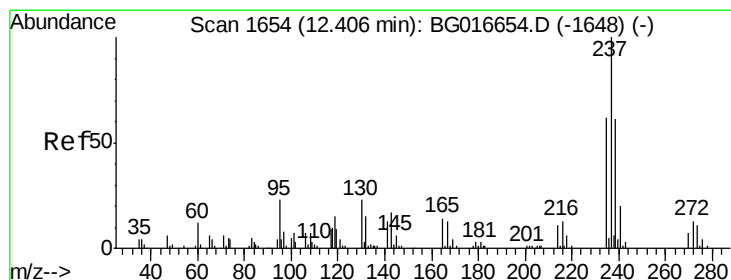
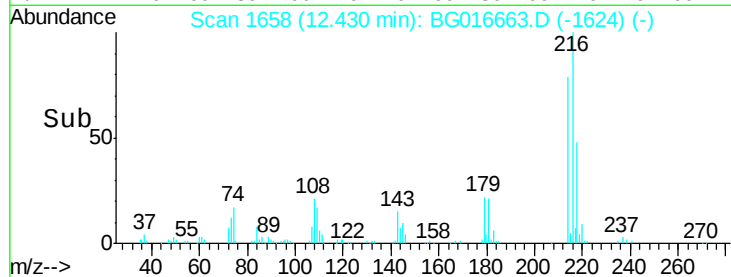
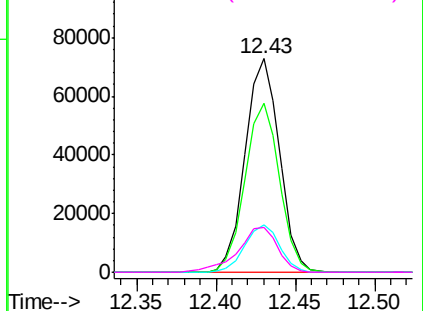


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.13 ng

RT: 12.41 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG016663.D

Acq: 23 Apr 2015 21:28

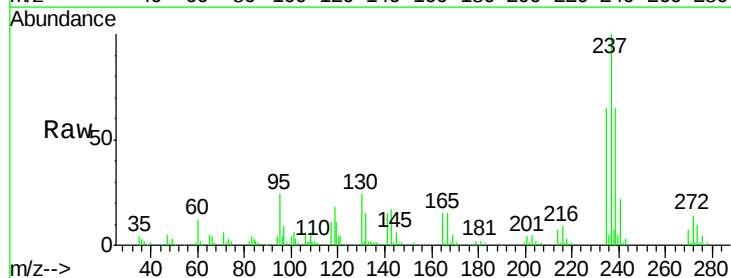
Tgt Ion:237 Resp: 85708

Ion Ratio Lower Upper

237 100

235 64.9 42.2 82.2

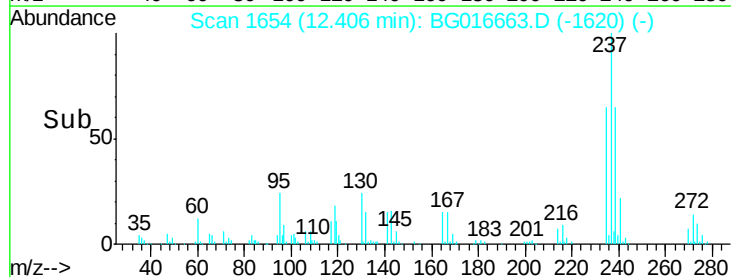
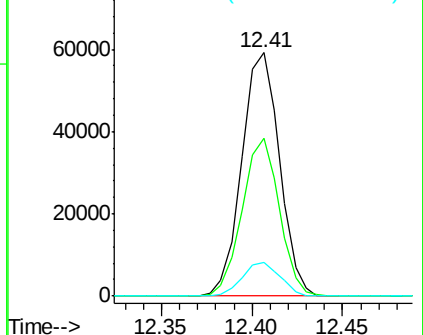
272 13.6 0.0 32.8

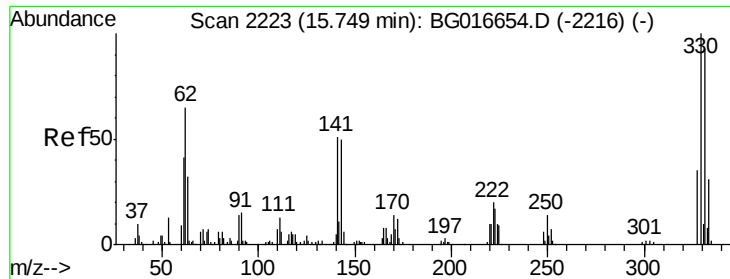


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

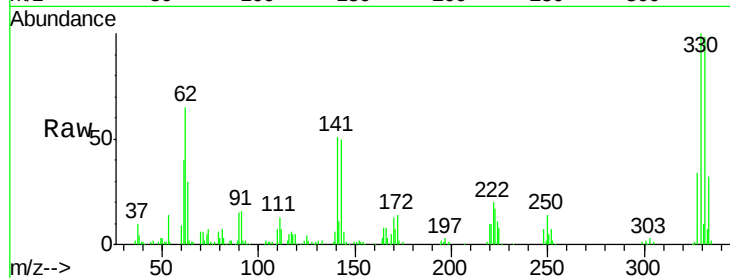




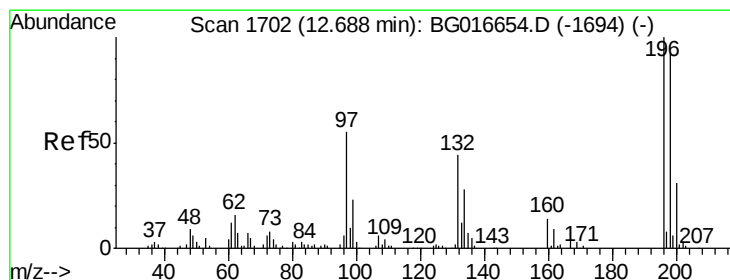
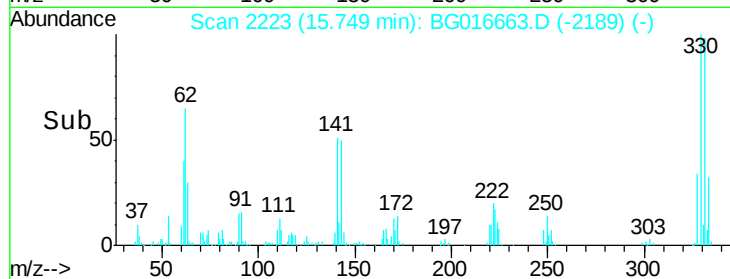
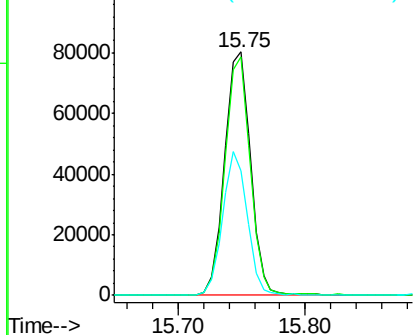
#41
 2,4,6-Tribromophenol
 Concen: 112.77 ng
 RT: 15.75 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG016663.D
 Acq: 23 Apr 2015 21:28

Instrument :
 BNA_F
 ClientSampleID :
 PB82956BS

Tgt Ion:330 Resp: 114112
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.4
 141 56.0 43.0 64.6

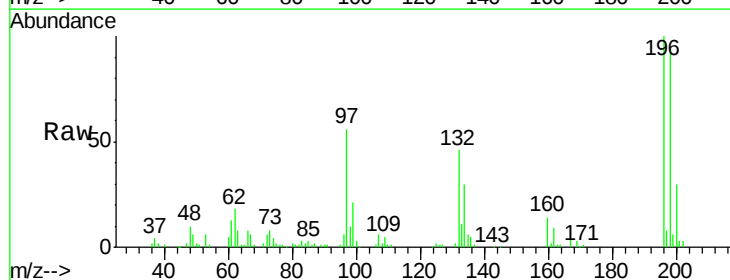


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 35.37 ng
 RT: 12.68 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG016663.D
 Acq: 23 Apr 2015 21:28

Tgt Ion:196 Resp: 83991
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.6 111.8
 200 29.9 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

